Smart-AVI

SMART AUDIO VIDEO INNOVATION

Create, Manage, Deliver, Smart.

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

Smart-AVI
SMART AUDIO VIDEO INNOVATION

ABOUT SMART-AVI

Throughout its existence, Smart-AVI has been tailoring its products to address the needs of system integrators and individuals to transfer and share a variety of signals within specific system environments. SmartAVI specializes in professional audio and video integration technologies for the multi-user environment. Some of its products include video extenders, video switches, video splitters, USB extenders, DVI extenders, KVM solutions, video walls, matrixes, digital signage, computer-video interfaces, distribution amplifiers, fiber optic, infrared, and HDMI solutions.

Smart-AVI solutions are distinctive because of our experience in the computer industry. Our knowledge of software programming, engineering and advanced electronics combine to offer our customers flexible, user-friendly and unique technology solutions.

Many leading businesses have recognized the significance of Smart-AVI's solutions and have eagerly implemented them. Companies that have embraced Smart-AVI's expertise include: NASA, Boeing, DreamWorks Studios, Johnson & Johnson, United States Army, Procter & Gamble Company, Adobe Systems Incorporated, Bellagio Las Vegas, Lockheed Martin, Monte Carlo Resort and Casino, and Miller Brewing Company.

Smart-AVI, Inc. is a privately-held, internationally-recognized company operating out of the United States, with its headquarters located in Burbank, California.

Made in the USA   © Smart-AVI, Inc.

EXTENDERS

Video Extenders, Audio Extenders, Audio Video over CAT5 and Video Distribution products that extend composite video, audio, IR control, WUXGA, DVI and HDMI for PC and MAC up to 1,699 feet from a host source with no loss of signal to remote devices using CAT5 and STP cables.

SPLITTERS

Expand your audience with the use of a video splitter. Route your data from a single source to multiple target destinations, allowing your presentation to be seen not in one place – but several at once. This is the perfect solution for routing audio, video and IR control over twisted pair.

SWITCHES

By using a video switch, you can route multiple sources (such as computers and/or DVD players) to multiple displays at will, taking full creative control of your presentations. Our video switches are perfect for WUXGA, XVGA, DVI, HDMI, SVGA, XGA, RGBHV and SOG signals and applications.

FIBER

Our wide range of fiber optics digital extenders take VGA, DVI and HDMI signals and transfer them as binary coded data, not as analog signals. This prevents corruption of the signal over the transmission line. The transfer is done by either multimode or singlemode fiber optic cables.

SIGNAGE & VIDEO WALL

Our digital signage and video wall products are designed to be easy to use yet powerful enough for even the most robust networks. Even novice users will have their digital signage project up and running in no time. Our video wall products deliver high definition video up 64 screens.

ACCESSORIES

Where there are high-tech gadgets and products, there are accessories. Here, we have miscellaneous items that can help extend your signals, control your hardware and make your life easier.

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ACCESSORIES

HDC-IR Infrared Extender over CAT5

IR OVER CAT5

The HDC-IR allows for the remote control of up to three infrared devices from up to 3,000 feet away. Control several TV's, DVD Players and other infrared devices with only one remote control. Ideal for Hotels, Control rooms, Remote Cable TV control, Remote VCR control, Educational Media, Home use and more.

- Output reaches up to 3,000
- Sends IR and Power signals over CAT5
- Built-in lightning, power surge and transient protection
- High ground loop immunity
- Compact enclosure
- Fully compliant with standard modulated IR and the latest IRDA
- Fully transparent path for all protocols and data transfers
- Bi-directional IR

3,000 ft. over CAT5

Model	Description
HDC-IRS	IR CAT5 Point to Point Extender. Includes:[HD-IR-TX, HDC-IR-RX, SM-LED, SM-EYE and [PS12VD1A]

HDC-VX Composite Video, Stereo Audio and Infrared Extender over CAT5

A/V+IR OVER CAT5

The HDC-VX allows for the extension of composite video, stereo audio and infrared control up to 1,000 feet away over CAT5 cable. Extend the output of TV's, DVD Players and other A/V devices with remote control. Ideal for Hotels, Control rooms, Remote Cable TV control, Remote VCR control, Educational Media, Home use and more.

- Output reaches up to 1,000 feet (300m)
- Supports PAL, NTSC and SECAM
- Video 100 MHz Bandwidth
- Video cable compensation (automatic)
- Compatible with line level stereo audio signals
- High ground loop immunity
- Built-in lightning, power surge and transient protection
- Remote units come with buffered outputs
- Compact enclosure
- Fully transparent path for all protocols and data transfers

1,000 ft. over CAT5
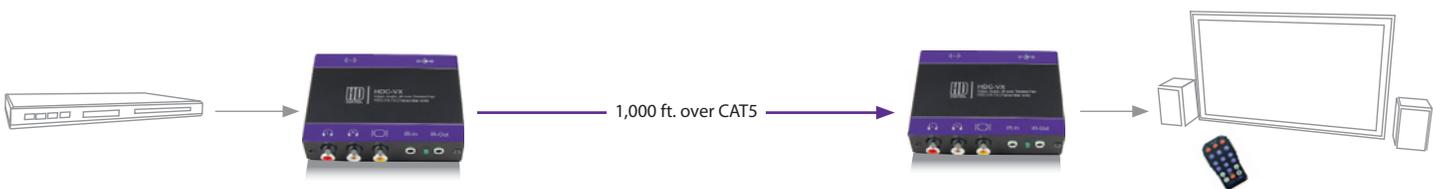
| Model	Description
HDC-VXS	Video/Audio/IR CAT5 Point to Point Extender. Includes: [HVC-VX-RX, HDC-VX-TX,SM-LED, SM-EYE and 2X (PS5VD1A)]

VCT-100 **UXGA Video Extender over CAT5**

The VCT-100 is a high resolution UXGA (transmitter and receiver) designed to broadcast desktop video signals over unshielded twisted pair cabling (CAT5) up to 1,000 feet. Ideal for presentation environments that require a remote monitor or projector.

- Uses easy to install, inexpensive CAT5/5e/6/7/8
- Output reaches up to 1,000 feet (300m)
- Supports high resolution clear video up to 1920x1200
- 300 MHz Bandwidth
- Sends high-resolution UXGA and power signals over single CAT5
- Compatible with VGA, XGA, Sun, MAC and SGI signals
- Sync Format / Polarity Preservation
- Designated trimmer in the remote unit to compensate for cable length

1,000 ft. over CAT5
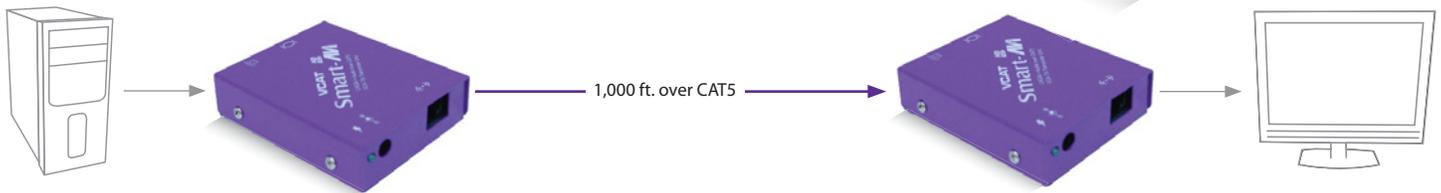
Model	Description
VCT-100S	VCAT UXGA Point-to-Point CAT5 Extender. Includes: [VCT-TX100, VCT-RX100, (CCVGAMM06), & 2 X (PS5VD1A)]

VCA-100 **UXGA Video and Mono Audio Extender over CAT5**

The VCA-100 allows for the extension of UXGA video and mono audio up to 1,000 feet away over CAT5 STP cable. Ideal for presentation environments that require remote monitors, projectors and mono audio.

- Uses easy to install, inexpensive CAT5/5e/6/7/8
- Output reaches up to 1,000 feet (300m)
- Supports high resolution clear video up to 1920x1200
- 300 MHz Bandwidth
- Sends high-resolution UXGA and mono audio over single CAT5
- Compatible with Line Level Mono Audio Signals
- Compatible with VGA, XGA, Sun, MAC and SGI signals
- Sync Format / Polarity Preservation
- Designated trimmer in the remote unit to compensate for cable length

1,000 ft. over CAT5

Model	Description
VCA-100S	VCAT UXGA/Audio Point-to-Point CAT5 Extender. Includes: [VCA-TX100, VCA-RX100, (CCVGAMM06), & 2 X (PS5VD1A)]

EXTENDERS

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SIGNAGE & VIDEO WALL

ACCESSORIES

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XT-AV WUXGA Video and Stereo Audio Extender over CAT5

The XT-AV is a high resolution WUXGA and stereo audio extender over CAT5 up to 1,000 feet. Ideal for presentation environments that require remote monitors, projectors and stereo audio.

- Uses easy to install, inexpensive CAT5/5e/6/7/8
- Each Output reaches up to 1,000 feet (300 m)
- Supports high resolution video up to 1920x1200
- 300 MHz Bandwidth
- Sends high-resolution WUXGA and Stereo Audio
- Compatible with VGA, XGA, Sun, MAC and SGI
- Sync Format / Polarity Preservation
- Compatible with Line Level Stereo Audio Signals
- Works with all Smart-AVI matrixes

A/V OVER CAT5

1,000 ft. over CAT5
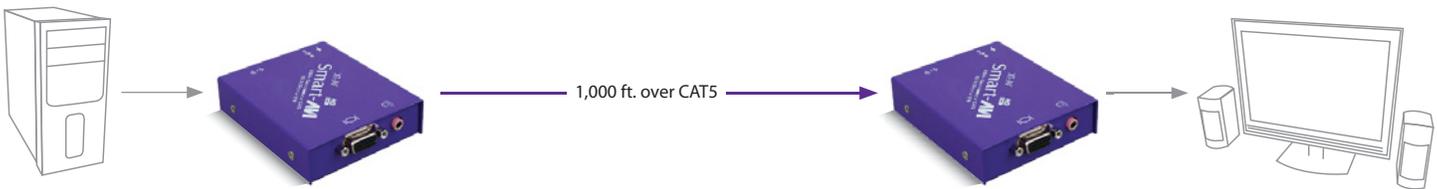
Model	Description
XT-AVS	WUXGA/Audio Point-to-Point CAT5 Extender. Includes: [XTA-TXS, XTA-RXS, (CCVGAMM06), & 2 X (PS5VD1A)]

XT-Pro WUXGA Video, Stereo Audio, RS-232 and IR Extender over CAT5

The XT-Pro allows for the extension of WUXGA, stereo audio, RS-232 and IR up to 1,000 feet away over CAT5 STP cable. Ideal for presentation environments that require remote monitors, projectors and audio.

- Uses easy to install, inexpensive CAT5/5e/6/7/8
- Each Output reaches up to 1,000 feet (300 m)
- Supports high resolution video up to 1920x1200
- Fast 300 MHz Bandwidth support for high-resolution signals
- Sends high-resolution WUXGA and Stereo Audio
- Compatible with VGA, XGA, Sun, MAC and SGI
- Sync Format / Polarity Preservation
- Compatible with Line Level Stereo Audio Signals
- Supports RS-232 commands to single or multiple devices
- Works with all Smart-AVI matrixes

A/V RS-232+IR OVER CAT5

1,000 ft. over CAT5
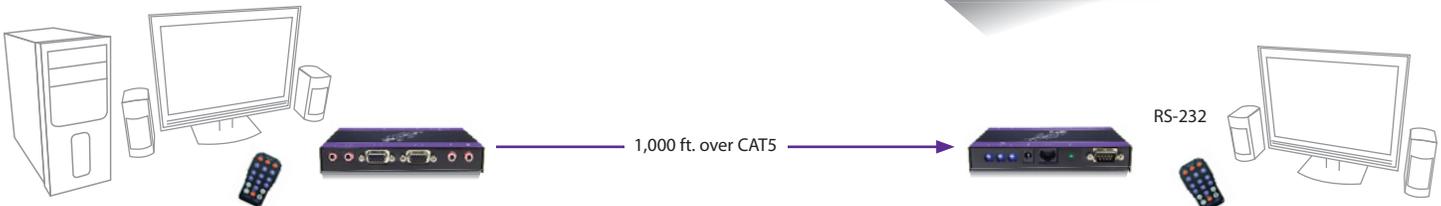
RS-232

Model	Description
XT-PROS	WUXGA/Audio/RS-232/IR Point-to-Point CAT5 Extender. Includes: [XTP-TX, XTP-RX, (CCVGAMM06), & 2 x (PS5VD1A)]

EXTENDERS

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SIGNAGE & VIDEO WALL

ACCESSORIES

XT-Wall WUXGA Video, Stereo Audio, RS-232 and IR Extender Wall Plate

A/V RS-232+IR OVER CAT5

The XT-Wall is a two-gang wall plate that extends WUXGA video, stereo audio, RS-232 and IR signals up to 1,000 feet over a single CAT5 STP cable. The wall plate design is perfect for adding the finishing touch to any professional or home A/V installation.

• Wall plate design for custom integrated look
• Choose from a variety of colors and styles
• Supports dual screens on receiver
• Supports high resolution video up to 1920x1200
• HD compatible (720p, 1080i,1080p)
• Compatible with Line Level Stereo Audio Signals
• IR command single or multiple displays
• Compatible with VGA, XGA, Sun, MAC and SGI

1,000 ft. over CAT5
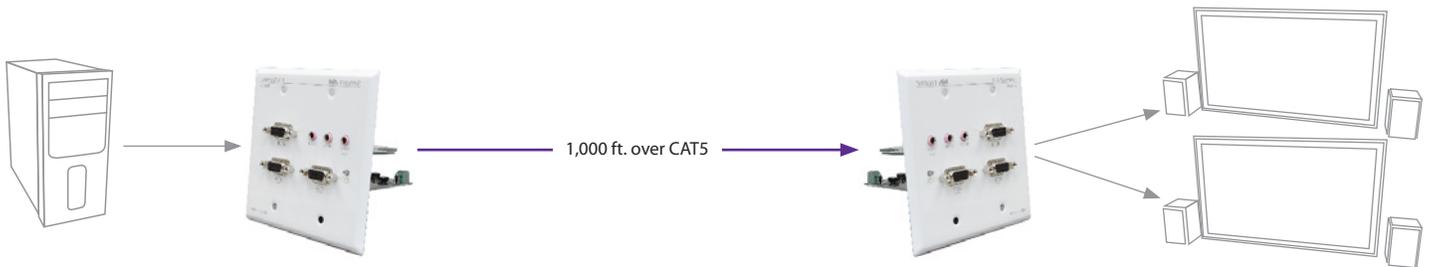
Model	Description
XTWALLS	WUXGA/Audio/RS-232/IR Point-to-Point Wall Plate CAT5 Extender. Includes: [XTW-TX, XTW-RX, & 2 x (PS5VD1F)]

VDX WUXGA Video and RS-232 Extender over CAT5

WUXGA +RS-232 OVER CAT5

The VDX is a high resolution WUXGA and RS-232 extender over CAT5 up to 1,000 feet. Ideal for presentation environments that require remote monitors, projectors and stereo audio.

• Uses easy to install, inexpensive CAT5/5e/6/7/8
• Each Output reaches up to 1,000 feet (300 m)
• Supports high resolution video up to 1920x1200
• 300 MHz Bandwidth
• Sends high-resolution WUXGA and RS-232
• Compatible with VGA, XGA, Sun, MAC and SGI
• Sync Format / Polarity Preservation
• Transparent RS-232 communication

1,000 ft. over CAT5
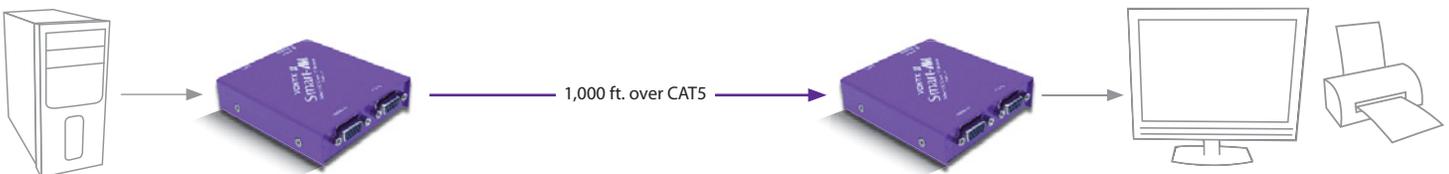
Model	Description
VDXS	VDX UXGA and RS-232 Point to point CAT5 extenders. Includes: [VDX-TX, VDX-RX , (CCVGAMM06), and 2 X (PS5VD1A)]

HDX-AV HDTV Component Video and Stereo Audio Extender over CAT5

A/V OVER CAT5

HDX-AV a high-resolution HDTV and stereo audio extender component within SmartAVI's HDControl product family geared specifically toward home theater owners and designers. Using small transmitter and receiver units, you can broadcast HD video and stereo audio signals over unshielded twisted pair(UTP) cabling. The HDX-AV is the perfect solution for home theater systems in which the video source is a great distance from the TV.

- Supports high-resolution component video up to 1920x1200
- HDTV compatible (720p, 1080i, 1080p)
- Supports Component Video (YPbPr)
- Fast 300 MHz Bandwidth support for high-resolution signals
- Compatible with line level stereo audio signals
- Designated trimmer in the remote unit to compensate for cable length

1,000 ft. over CAT5

Model	Description
HDX-AVS	Component Video/Audio Point-to-Point CAT5 Extender. Includes: [HDAV-TX, HDAV-RX, 2 x (PS5VD1A)]

HDX-Pro HDTV Component Video, Stereo Audio, RS-232 and IR Extender

A/V RS-232+IR OVER CAT5

The HDX-Pro extends HDTV component video, stereo audio, RS-232 and IR signals up to 1,000 feet over a single CAT5 STP cable. The HDX-Pro is a member of SmartAVI's HDControl product family geared specifically toward home theater owners and designers.

- Supports high-resolution WUXGA video up to 1920 x 1200
- HDTV compatible (720p, 1080i, 1080p)
- Supports Component Video (YPbPr)
- Fast 300 MHz Bandwidth support for high-resolution signals
- Compatible with line level stereo audio signals
- Designated trimmer in the remote unit to compensate for cable length
- Compact metal case enclosure
- External power supply
- Transparent RS-232 and IR communication

1,000 ft. over CAT5
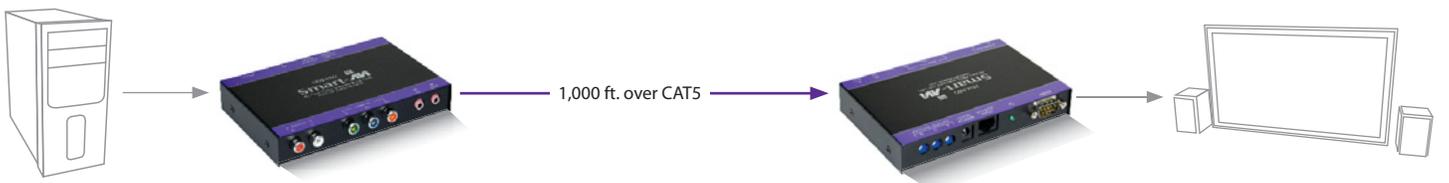
| Model	Description
HDX-PRO	Component Video/Audio/RS-232/IR Point-to-Point CAT5 Extender. Includes: [HDP-TX, HDP-RX, 2 x (PS5VD1A)]

AR-100 RS-232 and Stereo Audio Extender over CAT5

The AR-100 extends RS-232 and stereo audio up to 3,000 feet over a single CAT5 STP cable. The best solution for the control of RS-232 compliant devices combined with stereo audio. Ideal for controlling and monitoring secure entry systems suited for apartment and gated community applications as well as office buildings and industrial sites that have a separate access control system.

- Supports the full 9-pin RS-232 standard
- Hi-fidelity audio frequency response
- Supports all protocol and baud rates
- Compatible with line level stereo audio signals
- Built-in lightning, power surge and transient protection
- Remote units come with buffered outputs
- Fully transparent path for all protocols and data transfers.

3,000 ft. over CAT5

Model	Description
AR-100S	RS-232 & Stereo Sound Point-to-Point CAT5 Extender. Includes: [AR-TX100, AR-RX100, & 2 x (PS5VD1A)]

XT-Pro Xtreem WUXGA Video, Stereo Audio, RS-232 and IR Extender over CAT5

The XTPro Xtreem allows for the extension of WUXGA, stereo audio, RS-232 and IR up to 1,699 feet away over CAT5 STP cable. Ideal for presentation environments that require remote monitors, projectors and audio.

- Integration with other Smart-AVI Products
- Resolutions up to 1920x1200
- Signal Amplification Without Data Loss or Degradation
- Skew Compensation for perfect A/V Signal Timing and Delivery
- Automatic Skew Correction Tool Included FREE
- 300 MHz Bandwidth
- Compatible with Line Loop Stereo Audio Signals
- High Ground Loop Immunity
- Designated Trimmer in the Unit to Compensate for Cable Length
- Supports IR and RS-232 Control
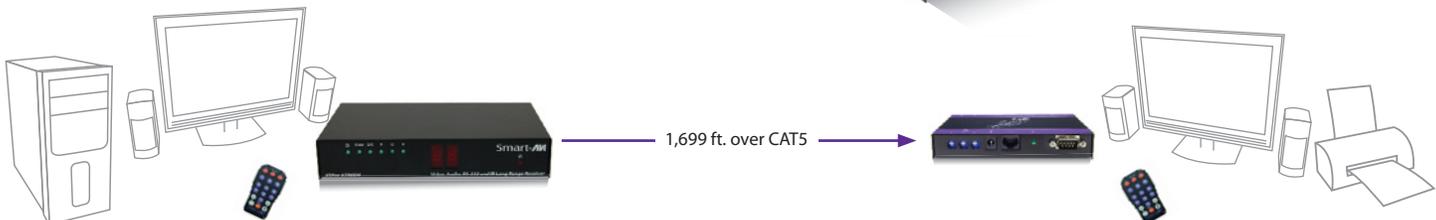
1,699 ft. over CAT5

Model	Description
XTP-RXXS	Xtreem UXGA/Audio/RS-232/IR CAT5 1699ft Receiver with Remote Control for Skew Setting. Includes: [XTP-RXX, SMRMT, & (PS5VD2A)]

EXTENDERS

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SIGNAGE & VIDEO WALL

ACCESSORIES

RK-XTPRO 16-Source High-Resolution WUXGA, Stereo Audio, RS-232 and IR Extender

A/V RS-232+IR OVER CAT5

The Rack-XTPro extends up to 16 sources of high-resolution WUXGA, stereo audio, RS-232 and IR signals over CAT5 STP cable up to 1,000 ft. Rather than buy multiple extenders for your rack components with numerous power supplies, the Rack-XTPro allows for up to 16 inputs and 16 outputs with only one power supply.

- Multi-display HDTV Compatible(720p, 1080i, 1080p)
- Supports High-Resolution WUXGA Video up to 1920x1200
- WUXGA output up to 30 ft. without amplification
- RS-232, IR communication allows command of compliant devices
- Fast 300 MHz Bandwidth support for high-resolution signals
- Built-In Power Surge and Voltage Transient Protection
- High Ground-loop Immunity eliminates line noise
- Compatible With Line Level Stereo Audio Signals

1,000 ft. over CAT5

XTPRO RX

x16

XTPRO RX
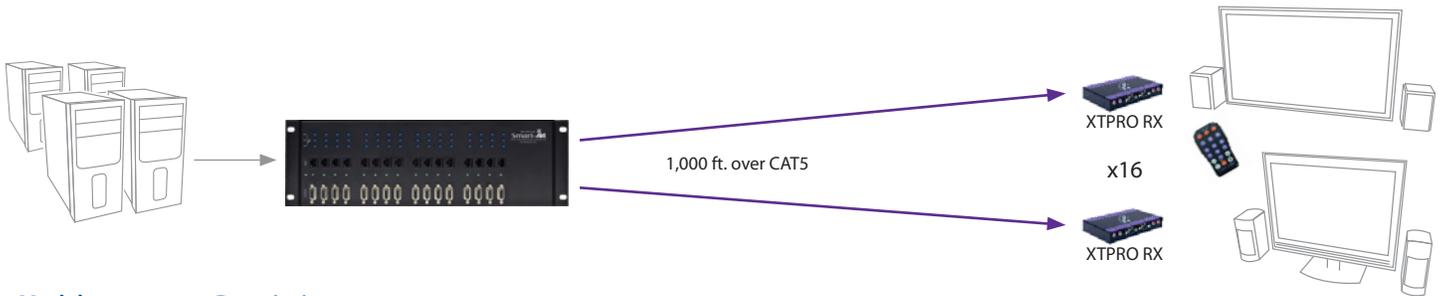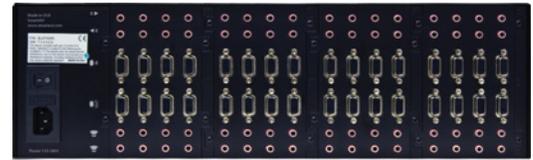
Model	Description
RK-XTP-TX16S	UXGA/Audio/RS-232/IR CAT5 Transmitter, 16 Card Package

VSA-100 Smart Video Skew Adjuster

A/V SKEW ADJUSTER

The VSA-100 is Smart Adjustor that allows skew compensation between any Red, Green Blue signals. Any CAT5 or CAT6 introduce delay line between the pairs, due to the electrical lengths on each pair. The VSA-100 is perfect for compensating for the skew introduced by a typical CAT5

- Aligns the RGB of any analog video signal
- Each color can be adjusted individually
- Supports UXVGA and Y-Pb-Pr
- 0. 62 ns total delay
- 2 ns delay step increments
- Digitally saves settings and remembers last state
- Compatible with most of the SmartAVI extenders

VGA → VCT-100 → 1,000 ft. over CAT5 → VCT-100 → VGA → → VGA →
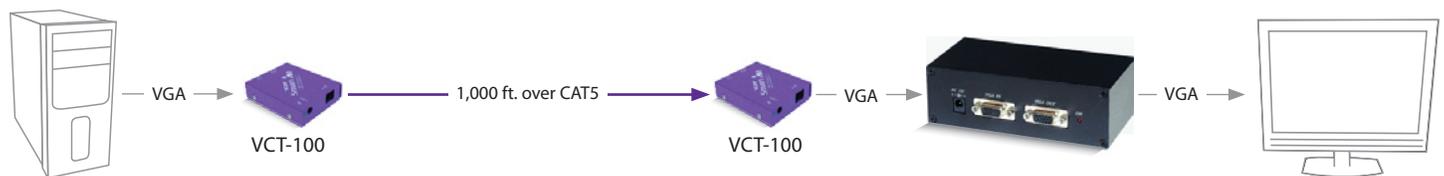
Model	Description
VSA-100S	Skew for all VGA receivers Includes: [VSA-100, (CCVGAMM06), and (PS5VD1A)]

DVX-100 DVI-D Extender/Repeater

The DVX-100 extends the distance between any computer supporting DVI-D and monitors or projectors up to 50 feet. It features daisy chain capabilities that can extend the limit up to 100ft.

- Supports MAC and PC DVI-D
- Resolution up to 1920 x 1200 @60Hz
- Zero Pixel Loss
- Maintains highest DVI single link video resolution
- DVI output regenerates TMDS digital video
- Output can drive long cable up to 50 feet unless daisy chained
- User Selectable: DCC Information MAC or PC

20 ft. over DVI-D   50 ft. over DVI-D

Model	Description
DVX-100S	Active DVI Repeater Male/Female 50'. Includes: [DVX100 & (PS5VD1B)]

DVX-200 DVI-D Extender over STP

The DVX-200 transmitter/receiver set extends DVI-D output to remote displays up to 250 feet away via STP. Perfect for situations in which a display or projector is located far from the source.

- Top Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz)
- User Selectable: DCC Information MAC or PC
- Extends to 250ft with STP cable
- Compatible with all operating systems
- Compatible with all major KVM Switches
- Supports MAC and PC DVI-D
- No Degradation of Video Quality
- Silent Fanless Operation
- STP-CAT6 for best performance

DVX-TX200   250 ft. over STP   DVX-RX200
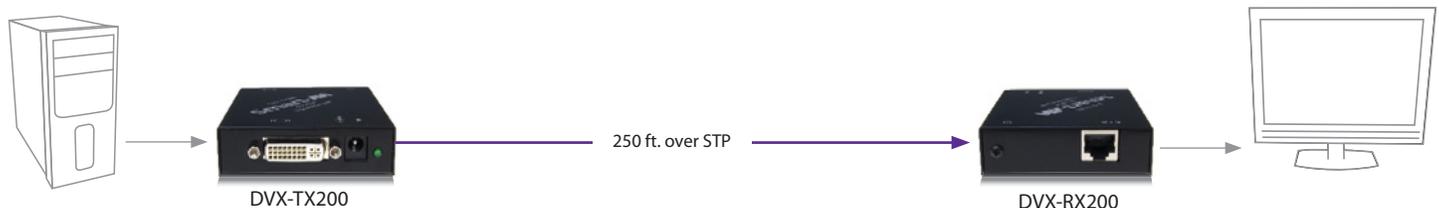
Model	Description
DVX-200PS	DVI-D/PC CAT6 STP Extender. Includes: [DVX-TX200P, DVX-RX200, (CCDVIMM06) & 2 x (PS5VD1A)]

EXTENDERS

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SIGNAGE & VIDEO WALL

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SIGNAGE & VIDEO WALL

ACCESSORIES

DVX-Pro DVI-D, Stereo Audio and RS-232 Extender over STP

DVI-D AUDIO RS-232 OVER STP

The DVI-PRO extends any DVI-D signal, full duplex RS-232 and stereo sound up to 250 feet with STP cable. Perfect for situations in which a display or projector is located far from the source.

- Top Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz)
- Compatible with Line Level Stereo Audio Signals
- User Selectable: DCC-Information MAC or PC
- Extends to 250ft with STP cable
- Compatible with all operating systems
- Compatible with all major KVM Switches
- Supports MAC and PC DVI-D
- STP-CAT6 for best performance
- Compatible with Line Level Stereo Audio Signals
- Supports RS-232 commands to single or multiple devices

250 ft. over STP

DVXP-TX200   DVXP-RX200

Model	Description
DVX-PROS	DVI-D/Sound/RS-232 CAT6 STP Extender. Includes: [DVXP-TXPRO, DVXP-RXPRO, (CCDVIMM06), & 2 x (PS5VD4A)]

DVX-PLUS DVI-D and USB Extender over STP

DVI-D USB OVER STP

The DVX-PLUS extends Universal Serial Bus (USB) and high-resolution DVI-D video via a single STP cable. It allows 4 USB devices and one DVI-D display to be located up to 275 feet from the computer. Fully compliant with the USB specification, the extender provides a transparent path for both 1.5 and 12 Mbps data.

- Extends USB and DVI signals up to 275ft from the computer
- Uses easy to install, inexpensive twisted pair cable
- Supports 1920x1200 digital video resolution
- Fully compliant with USB 1.1 specifications
- Supports 1.5 and 12 Mbps data rates
- Compatible with all operating systems
- Fully transparent (does not use any emulation)
- STP-CAT6 for best performance

250 ft. over STP
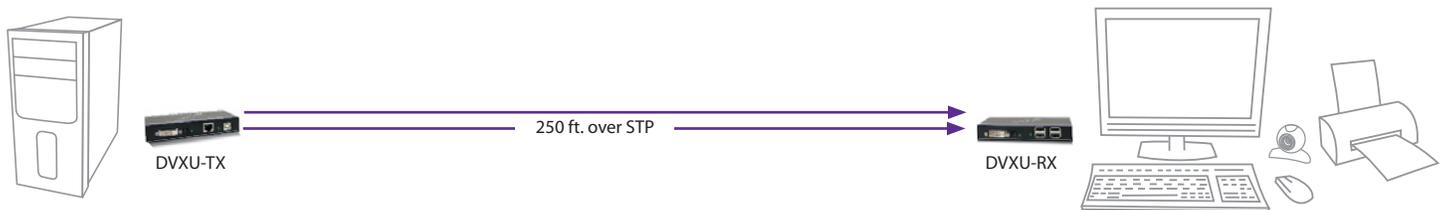
DVXU-TX   DVXU-RX

Model	Description
DVX-PLUS	DVI-D/USB CAT 6 STP Extender. Includes: [DVXU-TX, DVXU-RX, (CCDVIMM06), & 2 X (PS5VD4A)]

EXTENDERS

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SIGNAGE & VIDEO WALL

ACCESSORIES

DVX-2P DVI-D, Stereo Audio, USB and RS-232 Extender over STP

2-PORT DVI-D AUDIO RS-232+USB OVER STP

The DVX-2P can extend up to two DVI-D, USB 1.1, stereo audio and RS-232 signals up to 250 feet using STP cables, while retaining perfectly clear, crisp image and audio quality (image resolution up to 1920 x 1200 at 60Hz).

- Extends USB and Dual DVI signals up to 250 ft from the computer
- Uses easy to install, inexpensive twisted pair cable
- Supports 1920x1200 digital video resolution
- Fully compliant with USB 1.1 specifications
- Supports 1.5 and 12 Mbps data rates
- Compatible with all operating systems
- Fully transparent (does not use any emulation)
- Plug and play
- Compatible with Line Level Stereo Audio Signals
- Supports RS-232 commands to single or multiple devices
- STP-CAT6 for best performance

DVX-2P-TX — 250 ft. over STP — DVX-2P-RX
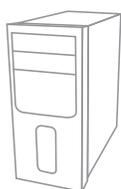
Model	Description
DVX-2PS	Complete Rackmount System to extend up to 2 DVI-D, USB, Audio and RS-232 signals. Includes: [DVX-2P-TX , DVX-2P-RX] and (2) (PS5VDC3A)]

DVX-4P DVI-D, Stereo Audio, USB and RS-232 Extender over STP

4-PORT DVI-D AUDIO RS-232+USB OVER STP

The DVX-4P can extend up to four DVI-D, USB 1.1, stereo audio and RS-232 signals up to 250 feet using STP cables, while retaining perfectly clear, crisp image and audio quality (image resolution up to 1920 x 1200 at 60Hz).

- Extends USB and 4 DVI signals up to 275ft from the computer
- Uses easy to install, inexpensive twisted pair cable
- Supports 1920x1200 digital video resolution
- Fully compliant with USB 1.1 specifications
- Supports 1.5 and 12 Mbps data rates
- Compatible with all operating systems
- Fully transparent (does not use any emulation)
- Plug and play
- Compatible with Line Level Stereo Audio Signals
- Supports RS-232 commands to single or multiple devices
- STP-CAT6 for best performance

DVX-4P-TX — 250 ft. over STP — DVX-4P-RX
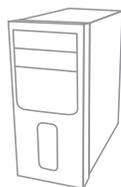
Model	Description
DVX-4PS	Complete Rackmount System to extend up to four DVI-D, USB, Audio and RS-232 signals. Includes: [DVX-4P-TX and DVX-4P-RX & 2(CCDVIMM06)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

RK-DVX-200 4/8/16-Port DVI-D Extender over STP

4/8/16-PORT DVI-D OVER STP

The Rack-DVX-200 is a 4/8/16-port high-resolution DVI-D video extender system (transmitter and receivers). It has the ability to extend four, eight or sixteen sources more than 250 feet with only one power supply.

- Top Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz)
- User Selectable: DCC-Information MAC or PC
- Extends to 250 ft with STP cable
- Compatible with all operating systems
- Compatible with all major KVM Switches
- Supports MAC and PC DVI-D
- No Degradation of Video Quality
- Silent Fanless Operation
- STP-CAT6 for best performance

x16 → 250 ft. over STP → DVX-RX200 x16 →
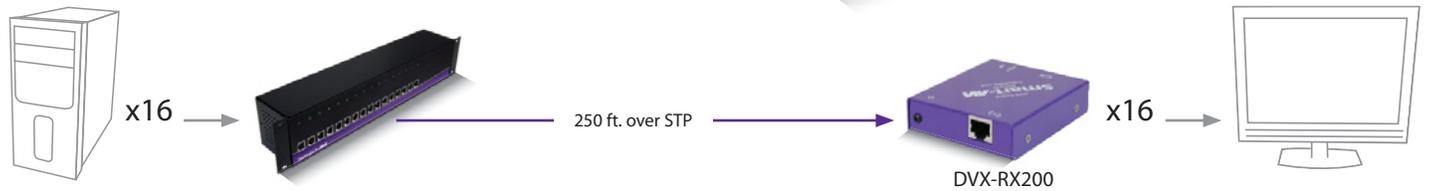
Model	Description
RK-DVX-TX16S	DVI-D CAT6 STP Transmitter, 16 Card Package including the Powered Rack

DVX-PRX Active DVI Learner and Programmer for EDID

DVI LEARNER PROGRAMMER

The DVX-PRX is an active DVI Learner Programmer for EDID. It can program and emulate any DVI-D. When connected to a computer the video signal passes through the unit; however the EDID (plug-and-play information) is emulated and not passed through the device.

- Supports Mac and PC
- Program devices for MAC and PC
- External power supply
- EDID stores in Flash
- Perfect solutions for DVI extenders and switches
- DVI Female connector
- LED for programing status
- Solves Booting issues in servers equipped with DVI-D

DVI-D → DVI-D →

Model	Description
DVX-PRXS	Active DVI Learner Programmer for EDID '. Includes: [DVX-PR1 & (PS5VD1B)]

HDX-1000 HDMI and IR Extender

The HDX-1000 Extends HDMI signals with Infrared up to 220 Feet over dual HDMI-to-STP cabling while Retaining High-Definition Images at 480p, 720p, 1080i or 1080p. It is an innovative solution to extending any HDMI with optional infrared signal – be it a gaming console, Blu-ray player, etc..

- Compact Transmitter/Receiver Units
- Supports HDMI with Optional Bi-Directional Infrared Signal
- Transmit Embedded Audio Signals
- Perfect Image Quality at all Resolutions (480p, 720i, 720p, 1080i, 1080p)
- Transmit HDMI 1080p/60 up to 330 Feet and 1080p/24 up to 220 Feet via Dual STP Cabling
- Bandwidth to 1.65Gps
- Automatic DDC Learning from Local Monitor

HDMI
+IR
OVER STP

HDX-TX1000   220 ft. over STP   HDX-RX1000
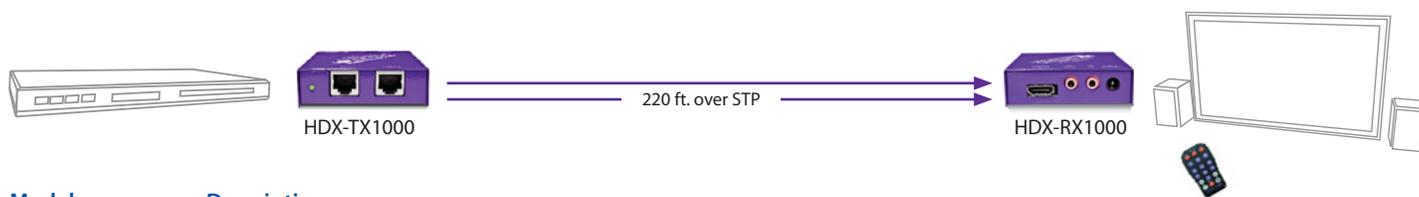
Model	Description
HDX-1000S	HDMI CAT6 STP Extender. Includes: [HDX-TX1000, HDX-RX1000, (CCHDMM06) & 2 x (PS5VD1A)]

HDX-100 HDMI Extender

The HDX-100 Extends HDMI signals up to 150 feet over single HDMI-to-STP cabling while Retaining High-Definition Images at 480p, 720p, 1080i or 1080p. It is an innovative solution to extending any HDMI signal – be it a gaming console, Blu-ray player, etc..

- Compact Transmitter/Receiver Units
- Supports HDMI Transmit Embedded Audio Signals
- Perfect Image Quality at all Resolutions (480p, 720i, 720p, 1080i, 1080p)
- Transmit HDMI 1080p/60 up to 150 Feet and 1080p/24
- Bandwidth to 1.65Gps

HDMI
OVER STP

HDX-TX100   150 ft. over STP   HDX-RX100

Model	Description
HDX-100S	Transmitter and Receiver for HDMI over CAT6. Includes: [HDX-TX100, HDX-RX100 and 2 (PS5VDC1A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

SX-200 WUXGA Video, Stereo Audio, Keyboard and Mouse KVM Extender over UTP

A/V OVER UTP

The SX-200 extends WUXGA video, stereo audio, keyboard and mouse signals up to 500 feet via a single CAT5 UTP cable. Control a computer from a remote location. Perfect for situations in which the computer must be stored in a secure location.

- Uses single CAT5 UTP cable to reduce installation costs
- Extends signal to a maximum distance of 500 feet
- Supports all PC/AT and PS/2 keyboards with full emulation
- Caps Lock, Num Lock, and Scroll Lock are automatically saved and restored.
- Supports full emulation and conversion on all PC/AT and PS/2 mice
- Compatible with Windows, NT, OS/2, UNIX, Linux, and other operating systems

SX-TX200 → 500 ft. over UTP → SX-RX200S

Model	Description
SX-200S	Video/Audio/PS2 CAT5 Extender. Includes: [SX-TX200, SX-RX200, (CCKVMMM06), & 2 X (PS5VD1A)]

SX-500 WUXGA Video, Stereo Audio, RS-232, Keyboard and Mouse KVM Extender over UTP

A/V +RS-232 OVER UTP

The SX-500 extends WUXGA video, stereo audio, RS-232, keyboard and mouse signals up to 1,000 feet via a single CAT5 UTP cable. Control a computer from a remote location. Perfect for situations in which the computer must be stored in a secure location.

- Uses single CAT5 UTP cable to reduce installation costs
- Extends signal to a maximum distance of 1,000 feet
- Supports all PC/AT and PS/2 keyboards with full emulation
- Caps Lock, Num Lock, and Scroll Lock are automatically saved and restored.
- Supports full emulation and conversion on all PC/AT and PS/2 mice
- Supports RS-232 from 300bps up to 19,200 bps
- Compatible with Windows, NT, OS/2, UNIX, Linux, and other operating systems

SX-TX500 → 1,000 ft. over UTP → SX-RX500S
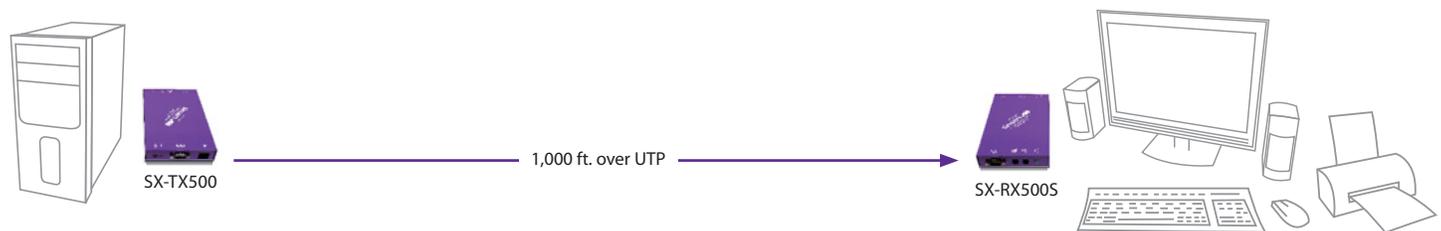
Model	Description
SX-500S	Video/Audio/PS2/RS-232 CAT5 Extender. Includes: [SX-TX500, SX-RX500, (CCKVMMF06) & 2 x (PS12VD1A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

UX-PRO WUXGA, Stereo Audio, RS-232/IR and USB 1.1 KVM Extender over CAT5

A/V +RS-232, IR USB OVER UTP

UX-PRO is a high-resolution UXGA and stereo audio extender system(transmitter and receiver) designed to broadcast desktop video, stereo audio signals, IR, RS-232 and USB1.1 up to 275 ft over CAT5 UTP cabling. With RS-232 communication support the UX-PRO allows users to send commands to a single or multiple devices.

- Uses flexible, inexpensive CAT-5/5e/6/7/8 UTP
- Supports dual screens
- Supports high resolution video up to 1920x1200
- HDTV compatible (720p, 1080i, 1080p)
- IR from one source to 2 locations
- Compatible with VGA, XGA, Sun, MAC and SGI
- 4-port USB hub with the RX(receiver) unit

UXP-TX   275 ft. over UTP   UXP-RX
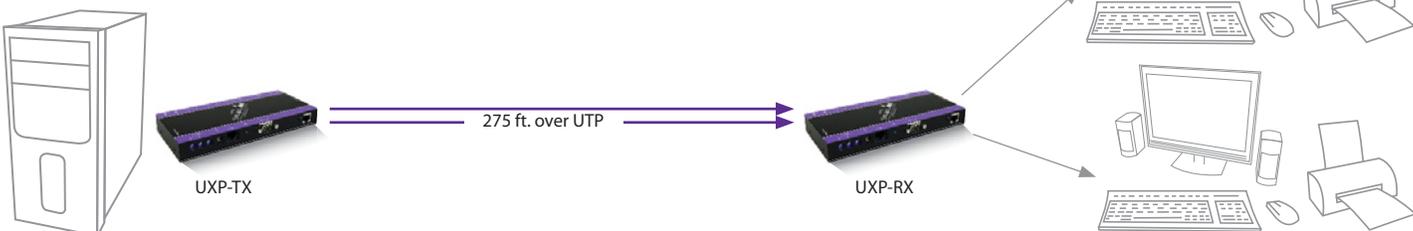
Model	Description
UX-PROS	USB+UXGA+Audio+RS-232 or IR CAT5 Extender Link. Includes: [UXP-TX, UXP-RX, (CCUSBAB06), (CCVGAMM06) and 2 x (PS5VD1A)]

KDX-200 DVI-D, Stereo Audio, Keyboard and Mouse KVM Extender over STP

DVI-D +AUDIO OVER STP

The KDX-200 extends DVI-D video, stereo audio, keyboard and mouse signals up to 220 feet via a single CAT5 STP cable. Control a computer from a remote location. Perfect for situations in which the computer must be stored in a secure location.

- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz)
  Uses single CAT5 STP cable to reduce installation costs
- Extends signal to a maximum distance of 220 feet
- Supports all PC/AT and PS/2 keyboards with full emulation
- Caps Lock, Num Lock, and Scroll Lock are
  automatically saved and restored
- Supports all PC/AT and PS/2 mice
- Compatible with Windows, NT, OS/2,
  UNIX, Linux, and other operating systems

KDX-TX200   220 ft. over STP   KDX-RX200S
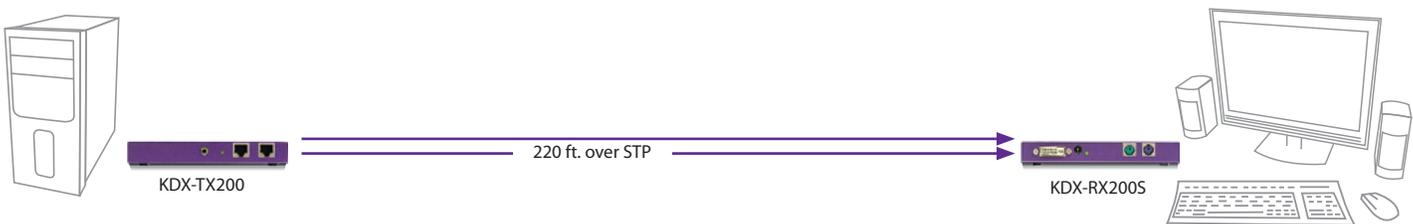
Model	Description
KDX-200S	DVI/Audio/PS2 CAT6 STP Extender. Includes: [KDX-TX200, KDX-RX200, (CCKDMMM06), & 2 X (PS5VD2A)]

DX16P 16-Port WUXGA Video, Stereo Audio, RS-232, Keyboard and Mouse KVM Extender over CAT5

The DEX16P group extender connects multiple computers in a centralized location to multiple workstations with their own keyboards, monitors and mice. A Video Automatic Gain Control system compensates for signal loss, allowing users to be located up to 1000 feet away from the control station, via an inexpensive CAT5 UTP cable.

A/V +RS-232 OVER UTP

- Uses single CAT5 UTP cable to reduce installation costs
- Extends signal to a maximum distance of 1,000 feet
- Supports all PC/AT and PS/2 keyboards with full emulation
- Caps Lock, Num Lock, and Scroll Lock are automatically saved and restored.
- Supports full emulation and conversion on all PC/AT and PS/2 mice
- Supports RS-232 from 300bps up to 19,200 bps
- Compatible with Windows, NT, OS/2, UNIX, Linux, and other operating systems

x16   x16   1,000 ft. over UTP   SX-RX500S
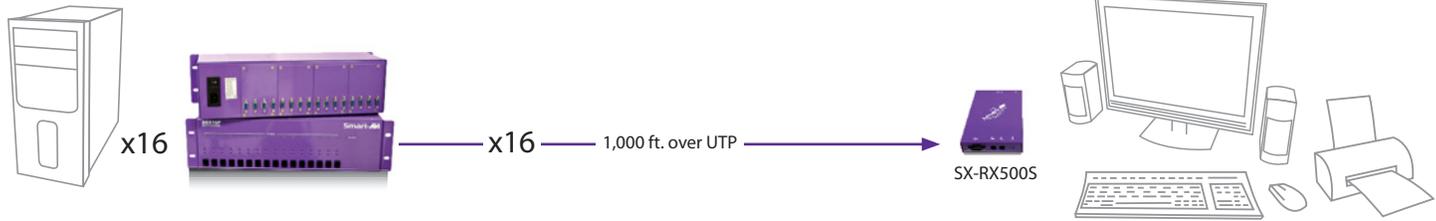
Model	Description
DXP16P-TXS	3U Chassis - Supports a combination of up to 16 Transmitters & a redundant power supply

UX-200 WUXGA Video, Stereo Audio, USB Keyboard and Mouse KVM Extender over UTP

The UX-200 extends WUXGA video, stereo audio, USB keyboard and mouse signals up to 500 feet via a single CAT5 UTP cable. Control a computer from a remote location. Perfect for situations in which the computer must be stored in a secure location.

A/V +USB OVER UTP

- Uses single CAT5 UTP cable to reduce installation costs
- Extends signal to a maximum distance of 500 feet
- Supports all USB keyboards with full emulation
- Caps Lock, Num Lock, and Scroll Lock are automatically saved and restored.
- Supports full emulation and conversion on all PC/AT and PS/2 mice
- Compatible with Windows, NT, OS/2, UNIX, Linux, and other operating systems
- Supports USB touch screen (USB 1.1)

UX-TX200   500 ft. over UTP   UX-RX200S
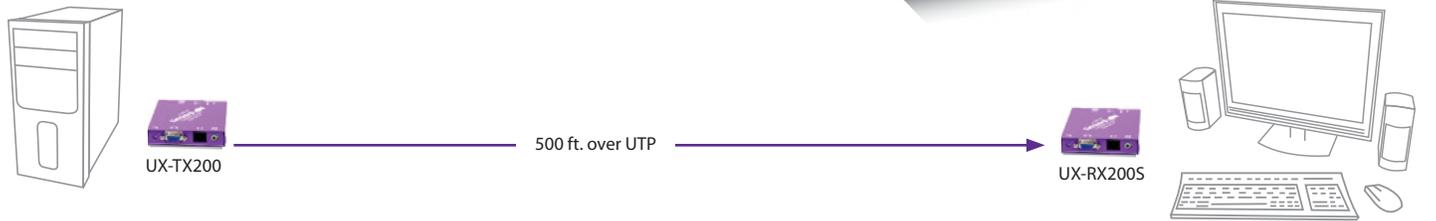
| Model	Description
UX-200S	Video/Audio/USB keyboard, mouse CAT5 Extender. Includes: [UX-TX200, UX-RX200, & 2 X (PS5VD1A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

USBXpress USB Extender over CAT5

USB-Xpress extends Universal Serial Bus (USB) via a single CAT5 cable. Using a unique method of transparent data transfer, the system allows a USB peripheral to be located up to 150 feet from the CPU. Fully compliant with the USB specification, the extender provides a transparent path for both 1.5 and 12 Mbps data.

- Extends USB port up to 100 feet from the computer
- Uses easy to install, inexpensive CAT5
- Fully compliant with USB 1.1 specifications
- Supports 1.5 and 12 Mbps data rate
- Uses a single CAT5 UTP cable between transmitter and receiver
- Fully transparent (does not use any emulation)
- STP-CAT6 for best performance
- Bus powered transmitter unit
- Supports MAC, PC and SUN
- Compact size
- Plug and play

USB OVER STP

USB 50-TX   100 ft. over CAT5   USB 50-RX

Model	Description
USB-50S	USB Xpress CAT5 Extender Link. Includes: [(USB 50-TX, USB 50-RX)]

USB-100 USB 1.1 Extender over STP

SmartAVI's USB-100 extends standard USB (Universal Serial Bus) 1.1 signals up to 220 feet away from your CPU using a single CAT5 un-shielded twisted pair cable. The USB-100 is capable of transparent data transfers at 1.5 and 12 Mbps.

- Uses Cost-Effective CAT5, better performance with STP
- Extends USB 1.1 up to 220 Feet From CPU with STP
- USB 1.1 Compliant
- Supports 1.5 and 12 Mbps
- Bus-Powered Transmitter Unit
- External Power Adapter for Receiver Unit
- Mountable Metal Casing
- Supports PC and Mac
- Fully Transparent(No Emulation Used)
- Plug-and-Play

USB OVER STP

USB-TX100   220 ft. over CAT5   USB-RX100

Model	Description
USB-100S	USB CAT5 Extender Link. Includes: [USB-TX100, USB-RX100, & (CCUSBAB06) & PS5VDC1A]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

USB2Pro USB 2.0 Extender with 4-Port Hub

SmartAVI's USB2Pro extends standard USB (Universal Serial Bus) 2.0 signals up to 325 feet using a single CAT5 cable. The USB2Pro supports all USB 2.0 high-speed devices, from keyboards to digital cameras and will operate on Windows®, Mac and Linux® operating systems. An integrated four-port hub allows for multiple devices to be connected at once.

- Supports USB 2.0 and 1.1 Devices
- Works on Windows, Mac and Linux Operating Systems
- Integrated Four-Port Hub
- Bus-Powered Local Unit
- Power Adaptor for Remote Unit
- Plug-and-Play

USB OVER STP

325 ft. over CAT5

USB-2Pro-TX
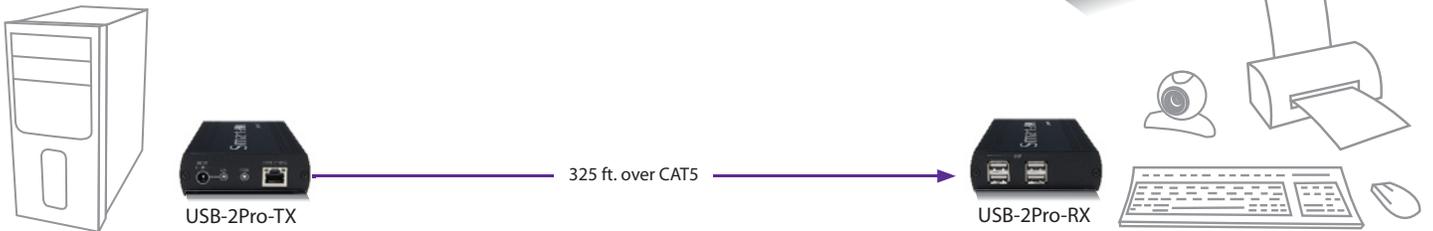
USB-2Pro-RX

Model	Description
USB2PROS	USB 2.0 Extender Link. Includes: [USB-2KTX, USB-2KRX and PS5DV3A]

RK-USB2PRO 16-Port USB 2.0 Rack Extender over CAT5

The RK-USB2Pro extends sixteen USB 2.0 input devices to sixteen USB2Pro receivers up to 325 feet over CAT5 cable. It supports all USB 2.0 high-speed devices, from keyboards to digital cameras and will operate on Windows®, Mac and Linux® operating systems.

The USB2Pro receivers have an integrated four-port hub that allows for multiple devices to be connected at once. This means the RK-USB2Pro can extend sixteen USB 2.0 inputs to 64 outputs. Additional USB hubs can be added, increasing the amount of devices that can be plugged into the USB2Pro.

- Supports USB 2.0 and 1.1 Devices
- Works on Windows®, Mac and Linux® Operating Systems
- Receiver has an Integrated Four-Port Hub
- Rack Mountable (2U) with Internal Power Supply
- Extends up to 325 feet
- Plug-and-Play

16-PORT RACK USB OVER STP

x16

325 ft. over CAT5

x16

USB-2Pro-RX

Model	Description
RK-USB2-16S	USB transmitter chassis with 16 transmitters include RK-USB2-16

AVS4P 1:4 WUXGA Video and Stereo Audio Splitter

The AVS4P is a high resolution distribution system designed to broadcast desktop video and stereo audio signals to up to 4 audio/video devices such as a desktop monitor, speakers, presentation monitors and other audio devices.

- Supports high resolution clear video up to 1920x1200.
- 400 MHz Bandwidth
- Each output reaches up to 100 ft
- Compatible with VGA,XGA,Sun,MAC and SGI signals
- Sync Format/Polarity Preservation
- Compatible with Line Level Stereo Audio Signals
- Built-in lightning,power surge and transient protection

Up to 100 feet — Up to 100 feet

Model	Description
AVS4PS	WUXGA/Audio Splitter 4-Port. Includes: [AVS4P, (CCVGAMM06), and (PS5VD1A)]

VCT-400 1:4 WUXGA Video Splitter/Extender over CAT5

Use a single CAT5 cable to broadcast high-resolution WUXGA video to four locations 1,000 feet away, at the most affordable price on the market. The VCT-400 series enhances any presentation from commercial products to corporate financial data. It can be used in showrooms, board rooms, trade shows and window displays. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors.

- Uses easy to install, inexpensive CAT5
- Output reaches up to 1,000 feet
- Supports high resolution WUXGA video up to 1920x1200
- 300 MHz Bandwidth
- Compatible with VGA, XGA, Sun, MAC and SGI Signals
- Sync Format / Polarity Preservation
- High ground loop immunity
- Built-in lightning, power surge and transient protection

1,000 ft. over CAT5 — x4

VCT-RX100
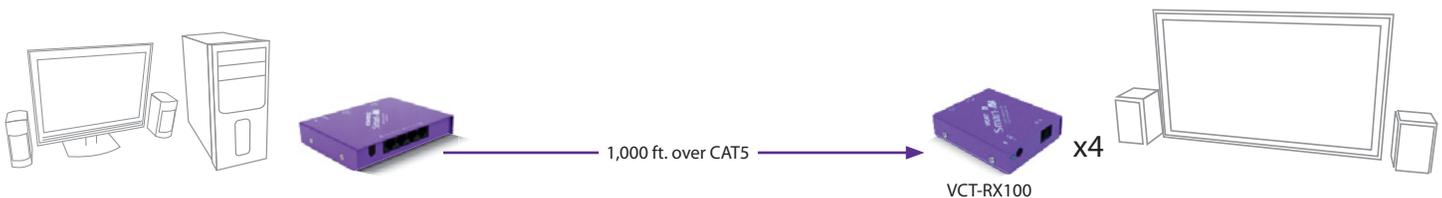
Model	Description
VCT-400S	UXGA, YUV, Y/C point-to-multi-point CAT5 Extender, 4-Port Transmitter. Includes: [VCT-TX400, (CCVGAMM06), & (PS5VD1A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

VCA-400 1:4 WUXGA Video and Stereo Audio Splitter/Extender over CAT5

4-PORT A/V OVER CAT5

Use a single CAT5 cable to broadcast high-resolution WUXGA video and stereo audio to four locations 1,000 feet away, at the most affordable price on the market. The VCA-400 series enhances any presentation from commercial products to corporate financial data. It can be used in showrooms, board rooms, trade shows and window displays. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors.

- Uses easy to install, inexpensive CAT5
- Output reaches up to 1,000 feet
- Supports high resolution WUXGA video up to 1920x1200
- 300 MHz Bandwidth
- Compatible with VGA, XGA, Sun, MAC and SGI Signals
- Sync Format / Polarity Preservation
- High ground loop immunity
- Built-in lightning, power surge and transient protection
- Compatible with Line Level Stereo Audio Signals

1,000 ft. over CAT5

VCA-RX100

x4
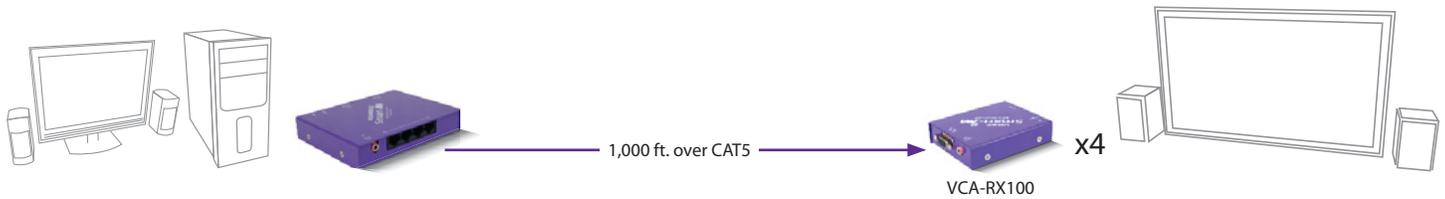
Model	Description
VCA-400S	UXGA, YUV, Y/C & Audio point-to-multi-point CAT5 Extender, 4-Port Transmitter. Includes: [VCA-TX400, (CCVGAMM06), & (PS5VD1A)]

XT-TX400 1:4 WUXGA Video, Stereo Audio, RS-232 and IR Splitter/Extender over CAT5

4-PORT A/V +RS-232, IR OVER UTP

Use a single CAT5 cable to broadcast high-resolution WUXGA video, stereo audio, RS-232 and IR to four locations 1,000 feet away, at the most affordable price on the market. The XT-TX400 series enhances any presentation from commercial products to corporate financial data. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors. Devices can be controlled remotely with RS-232 and IR support.

- Supports Single or Dual Displays on Remote
- Each output reaches up to 1,000 feet (300 m)
- Supports high resolution video up to 1920x1200
- 300 MHz Bandwidth
- Compatible with VGA, XGA, Sun, MAC and SGI
- RS-232 communication to single or multiple Displays
- IR command to single or multiple Displays

1,000 ft. over CAT5

XTPro-RX

x4
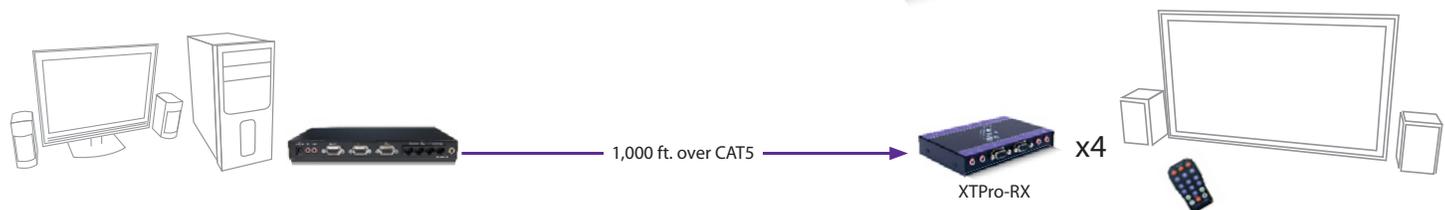
Model	Description
XT-TX400S	UXGA/Audio/IR/RS-232 point-to-multi-point CAT5 Extender, 4-Port Transmitter. Includes: [XT-TX400, (CCVGAMM06), & (PS5VD2A)]

XT-TX800 1:8 WUXGA Video, Stereo Audio, RS-232 and IR Splitter/Extender over CAT5

8-PORT A/V +RS-232, IR OVER UTP

Use a single CAT5 cable to broadcast high-resolution WUXGA video, stereo audio, RS-232 and IR to eight locations 1,000 feet away, at the most affordable price on the market. The XT-TX800 series enhances any presentation from commercial products to corporate financial data. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors. Devices can be controlled remotely with RS-232 and IR support.

- Supports Single or Dual Displays on Remote
- Each output reaches up to 1,000 feet (300 m)
- Supports high resolution video up to 1920x1200
- 300 MHz Bandwidth
- Compatible with VGA, XGA, Sun, MAC and SGI
- RS-232 communication to single or multiple Displays
- IR command to single or multiple Displays

1,000 ft. over CAT5

XTPro-RX   x8
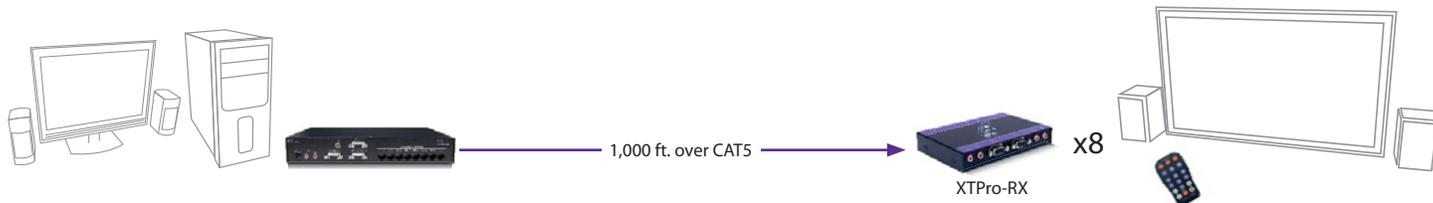
Model	Description
XT-TX800S	UXGA/Audio/IR/RS-232 point-to-multi-point CAT5 Extender, 8-Port Transmitter. Includes [XT-TX800, (CCVGAMM06), & (PS5VD3A)]

XT-TX1600 1:16 WUXGA Video, Stereo Audio, RS-232 and IR Splitter/Extender over CAT5

16-PORT A/V +RS-232, IR OVER UTP

Use a single CAT5 cable to broadcast high-resolution WUXGA video, stereo audio, RS-232 and IR to sixteen locations 1,000 feet away, at the most affordable price on the market. The XT-TX1600 series enhances any presentation from commercial products to corporate financial data. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors. Devices can be controlled remotely with RS-232 and IR support.

- Supports Single or Dual Displays on Remote
- Each output reaches up to 1,000 feet (300 m)
- Supports high resolution video up to 1920x1200
- 300 MHz Bandwidth
- Compatible with VGA, XGA, Sun, MAC and SGI
- RS-232 communication to single or multiple Displays
- IR command to single or multiple Displays

1,000 ft. over CAT5

XTPro-RX   x16

Model	Description
XT-TX1600S	UXGA/Audio/IR/RS-232 point-to-multi-point CAT5 Extender, 16-Port Transmitter. Includes [XT-TX1600, (CCVGAMM06), & (CCPWR06US) or (CCPWR06EU)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

HDC-400 1:4 Component Video, Stereo Audio, RS-232 and IR Splitter/Extender over CAT5

Use a single CAT5 cable to broadcast high-resolution component video, stereo audio, RS-232 and IR to four locations 1,000 feet away, at the most affordable price on the market. The HDC-400 series enhances any presentation from commercial products to corporate financial data. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors. Devices can be controlled remotely with RS-232 and IR support.

- Supports High Resolution Video up to 1920 x 1200
- HDTV Compatible (720p, 1080i, 1080p)
- 300 MHz Bandwidth
- Compatible with Y Pr Pb and RGB
- Compatible with Line Level Stereo Audio Signals
- IR Command to Single or Multiple Displays
- RS-232 Communication Support to Single/Multiple Displays
- Local Video and Audio in Transmitter

1,000 ft. over CAT5 → HDX-Pro-RX x4
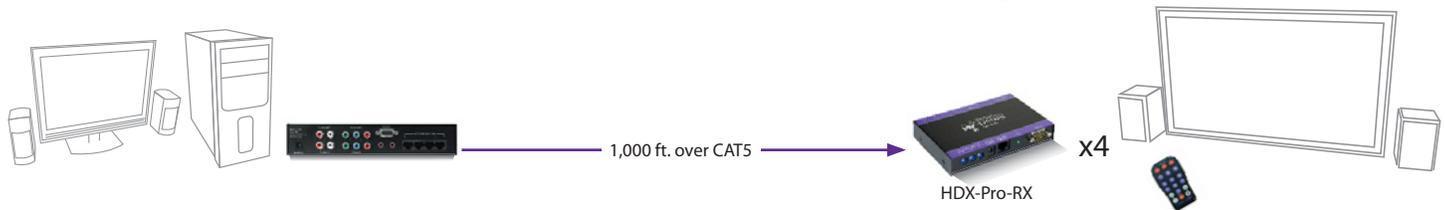
Model	Description
HDC-400S	Video Component/Audio/IR/RS-232 Point-to-Multipoint CAT5 Extender 4-Port Transmitter Includes [HDC-400, and (PS5VD2A)]

## HDC-800 1:8 Component Video, Stereo Audio, RS-232 and IR Splitter/Extender over CAT5

Use a single CAT5 cable to broadcast high-resolution component video, stereo audio, RS-232 and IR to eight locations 1,000 feet away, at the most affordable price on the market. The HDC-800 series enhances any presentation from commercial products to corporate financial data. Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors. Devices can be controlled remotely with RS-232 and IR support.

- Supports High Resolution Video up to 1920 x 1200
- HDTV Compatible (720p, 1080i, 1080p)
- 300 MHz Bandwidth
- Compatible with Y Pr Pb and RGB
- Compatible with Line Level Stereo Audio Signals
- IR Command to Single or Multiple Displays
- RS-232 Communication Support to Single/Multiple Displays
- Local Video and Audio in Transmitter

1,000 ft. over CAT5 → HDX-Pro-RX x8
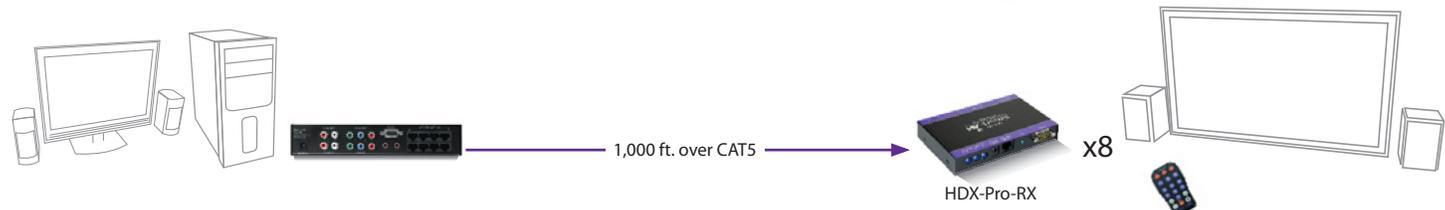
Model	Description
HDC-800s	Video Component/Audio/IR/RS-232 Point-to-Multipoint CAT5 Extender 8-Port Transmitter Includes [HDC-800, and (PS5VD4A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

DVS2P 1:2 DVI-D Splitter

2-PORT DVI-D

The DVS2P splits one DVI-D input into 2 DVI-D outputs allowing a single PC to display identical images on two digital monitors. Perfect for situations such as presentations to display a local monitor and a projector at the same time.

- Control up to 2 DVI-D monitors/flat panel displays to display the same video output source from a single PC
- Use PanelLink digital technology
- Supports high-resolution dislplays up to 1920 x 1200
- Can be cascaded
- DVI 1.0 Compliant
- Simultaneous monitor display
- Plug-and-play, No extra software needed
- All lower resolutions operate up to 75 Hz vertical refresh Mounting Brackets and Rack-Mount Kits available

20 ft. over DVI-D   20 ft. over DVI-D

Model	Description
DVS2PS	DVI-D Splitter 2-Port. Includes: [DVS2P, (CCDVIMM06), & (PS5VD1A)]

DVS4P 1:4 DVI-I Splitter

4-PORT DVI-I

The DVS4P splits one DVI-I input into 4 DVI-I outputs allowing a single PC to display identical images on four digital monitors. Perfect for situations such as control rooms to display a local monitor and four displays at the same time.

- Onboard DDC Learning and emulation
- Can learn any type of DDC
- Supports DVI-I Input(VGA or DVI)
- Supports DVI-I Output(VGA or DVI)
- Resolution up to maximum 1920 x 1200@60Hz
- Perfect picture quality on all resolutions
- Input Interface DVI-I (SingleLink)-VGA or DVI
- Output Interface DVI-I (SingleLink-VGA or DVI)

20 ft. over DVI-I   20 ft. over DVI-I
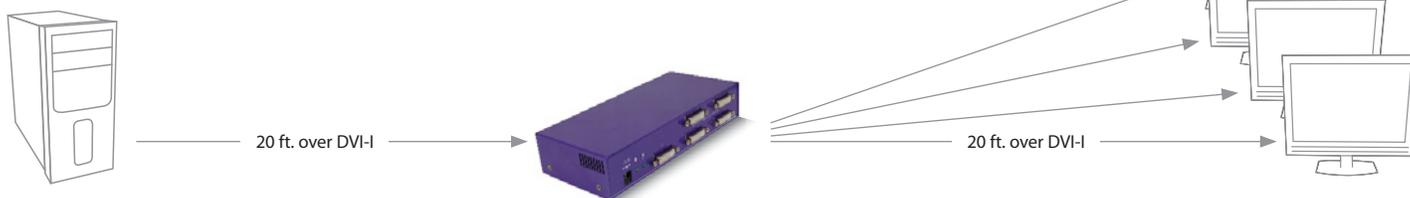
Model	Description
DVS4PS	DVI-I Splitter 4-Port, 1920x1200. Includes: [DVS4P, (CCDVIMM06), & (PS5VD2A)]

DVS8P 1:8 DVI-I Splitter

8-PORT DVI-I

The DVS8P splits one DVI-I input into 8 DVI-I outputs allowing a single PC to display identical images on eight digital monitors. Perfect for situations such as control rooms to display a local monitor and eight displays at the same time.

- Onboard DDC Learning and emulation
- Can learn any type of DDC
- Supports DVI-I Input(VGA or DVI)
- Supports DVI-I Output(VGA or DVI)
- Resolution up to maximum 1920 x 1200@60Hz
- Perfect picture quality on all resolutions
- Input Interface DVI-I (SingleLink)-VGA or DVI
- Output Interface DVI-I (SingleLink-VGA or DVI)

20 ft. over DVI-I   20 ft. over DVI-I

Model	Description
DVS8PS	DVI-I Splitter 8-Port, 1920x1200. Includes: [DVS8P, (CCDVIMM06), and PS5VDC4AW]

RK-DVS4P 8 x 1:4 DVI-I Splitter

8X4-PORT DVI-I

The RK-DVS4P is a high-resolution video splitter system designed to broadcast high-definition DVI-I signals up to 20 feet. It has 8 expansion bays, each of which splits one DVI-I signal in to four. This solution simplifies having multiple DVD-I splitters with multiple power supplies.

- 5U Rack mountable solution
- Single Power supply operate up to 8 4port DVI-I splitters
- Onboard DDC Learning and emulation
- Can learn any type of DDC
- Supports DVI-I Input and Output (VGA or DVI)
- Resolution up to maximum 1920 x 1200@60Hz.
- Perfect picture quality on all resolutions

8 DVI-I Sources   32 Displays (4 per Source)
20 ft. over DVI-I   20 ft. over DVI-I

Model	Description
RK-DVS4P-8S	Rack Splitter chassis with 8Bay 1x4 splitter cards (32 total DVI Out signals) Includes: [RX-DVS4P-8 and (CCPWR06)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

DVS200 1:2 DVI-D Splitter/Extender over STP

2-PORT DVI-D

DVS200 splits and extends any DVI-D signal up to 220 Feet to two displays and one local screen using CAT6 cabling while retaining perfect image quality at resolutions up to 1920 x 1200. SmartAVI, Inc.'s DVS200 allows you to extend a DVI-D signal to up to two remote displays via one small unit that also loops a signal back to your computer so local monitoring is possible and simple.

- Local DVI output
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances to the maximum limit
- Automatic DDC Learning From Local Monitor
- DDC Tables Stored in Flash Memory for Future Use
- Distances: up to 220 Feet via STP CAT5e or STP CAT6
- Compatible With all Operating Systems
- MAC or PC Versions Available

x2 —— 220 ft. over STP ——

DVX-RX200
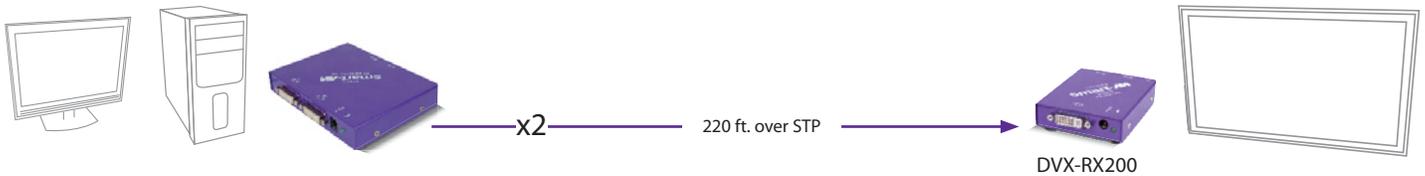
Model	Description
DVS-200S	2-Port DVI-D CAT6 STP Extender. Includes: [DVS-TX200, (CCDVIMM06), & (PS5VD1A)]

DVS400 1:4 DVI-D Splitter/Extender over STP

4-PORT DVI-I

DVS400 Extends Any DVI-D Signal up to 220 Feet to Two Displays and One Local Screen Using CAT6 Cabling While Retaining Perfect Image Quality at Resolutions up to 1920 x 1200 SmartAVI, Inc.'s DVS400 allows you to extend a DVI-D signal to up to four displays via one small unit that also loops a signal back to your computer so local monitoring is possible and simple.

- Local DVI output
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances to the maximum limit
- Automatic DDC Learning From Local Monitor
- DDC Tables Stored in Flash Memory for Future Use
- Distances: up to 220 Feet via STP CAT5e or STP CAT6
- Compatible With all Operating Systems
- MAC or PC Versions Available

x4 —— 220 ft. over STP ——

DVX-RX200

Model	Description
DVS-400S	4-Port DVI-D CAT6 STP Extender. Includes: [DVS-TX400, (CCDVIMM06), & (PS5VD1A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

RK-DVS-200 16x2 Port DVI-D Splitter/Extender over STP

8x2-PORT DVI-D RACK

The RK-DVS-200 splits and extends up to 16 DVI-D signals up to 220 Feet to two displays per source using CAT6 cabling. It maitains perfect image quality at resolutions up to 1920 x 1200. With local DVI output, it is possible to have a local display to monitor output.

- Local DVI output
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances to the maximum limit
- Automatic DDC Learning From Local Monitor
- DDC Tables Stored in Flash Memory for Future Use
- Distances: up to 220 Feet via STP CAT5e or STP CAT6
- Compatible With all Operating Systems
- MAC or PC Versions Available

x16   220 ft. over STP

DVX-RX200
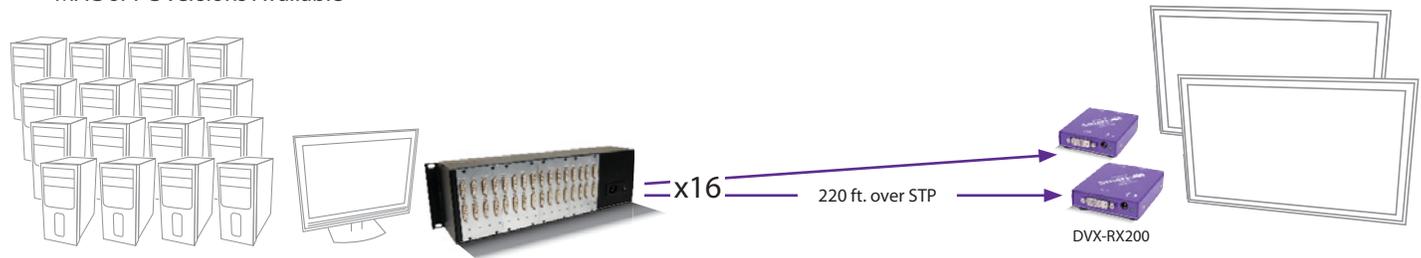
Model	Description
RK-DVS-TX4S	DVI-D 2-Port CAT6 STP TX with Local 4Card including the Powered Rack
RK-DVS-TX8S	DVI-D 2-Port CAT6 STP TX with Local 8Card including the Powered Rack
RK-DVS-TX16S	DVI-D 2-Port CAT6 STP TX with Local 16Card including the Powered Rack

DVS4PRO 1:4 DVI-I and Stereo Audio Splitter

4-PORT DVI-I +AUDIO

The DVS4PRO splits one DVI-I and stereo audio input into 4 DVI-I and stereo audio outputs allowing a single PC to display identical images on four digital monitors. Perfect for situations such as control rooms to display a local monitor and four displays at the same time.

- Onboard DDC Learning and emulation
- Can learn any type of DDC
- Supports DVI-I Input(VGA or DVI)
- Supports DVI-I Output(VGA or DVI)
- Resolution up to maximum 1920 x 1200@60Hz
- Perfect picture quality on all resolutions
- Video Input Interface DVI-I (SingleLink)-VGA or DVI
- Video Output Interface DVI-I (SingleLink-VGA or DVI)
- Hi-fidelity audio frequency response
- Compatible with line level stereo audio signals

20 ft. over DVI-I   20 ft. over DVI-I
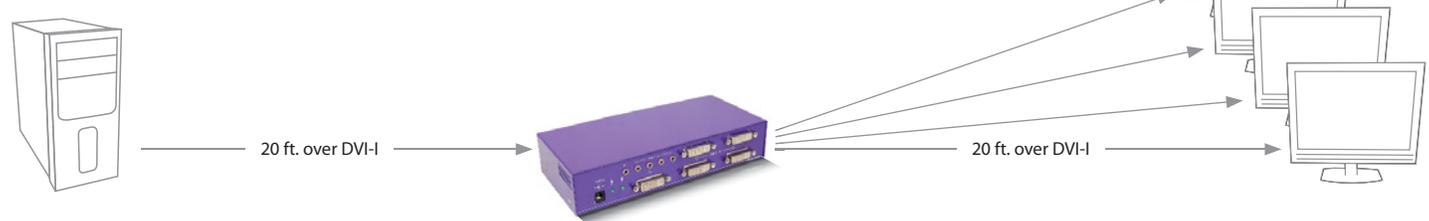
Model	Description
DVS4PROS	DVI-I with Audio Splitter 4-Port, 1920x1200. Includes: [DVS4PRO, (CCDVIMM06), & (PS5VD2A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

HDS2P 1:2 HDMI Splitter

2-PORT HDMI

Using SmartAVI's HDMI 1 x 2 Splitter, it is possible to connect one HDMI/HDTV component to up to two display screens. Transmit a high-definition source such as Blu-ray player, gaming console, computer or cable receiver easily while viewing on two HDTV monitors. This is perfect for lounges, hotel check-in areas, restaurants, retail locations or even civic centers.

- HDMI 1.3c and DVI 1.0 compliant
- HDCP 1.2 compliant
- Wide Frequency Range: 25MHz~225MHz
- Video bandwidth: 6.7GBPS
- Resolution up to 1080p or WUXGA
- Supports CEC (not bypassing)
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- Easy installation

30 ft. over HDMI   30 ft. over HDMI

Model	Description
HDS2P	HDMI 2-Port Splitter. Includes: [HDS2P and PS5VD1A]

HDS4P 1:4 HDMI Splitter

4-PORT HDMI

Using SmartAVI's HDMI 4 x 1 Splitter, it is possible to connect one HDMI/HDTV component to up to four display screens. Transmit a high-definition source such as Blu-ray player, gaming console, computer or cable receiver easily while viewing on two HDTV monitors. This is perfect for lounges, hotel check-in areas, restaurants, retail locations or even civic centers.

- HDMI 1.3c and DVI 1.0 compliant
- HDCP 1.2 compliant
- Wide Frequency Range: 25MHz~225MHz
- Video bandwidth: 6.7GBPS
- Resolution up to 1080p or WUXGA
- Supports CEC (not bypassing)
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- Easy installation

30 ft. over HDMI   30 ft. over HDMI

Model	Description
HDS4P	HDMI 4-Port Splitter. Includes: [HDS4P and PS5VD1A]

HDX-4000 1:4 HDMI and IR Splitter/Extender

4-PORT HDMI +IR OVER STP

The HDX-4000 Extends four HDMI signals with Infrared up to 150 Feet to Display Monitors Using Dual HDMI-to-CAT6 STP Cabling while Retaining High-Definition Images at 480p, 720p, 1080i or 1080p. HDX-4000 is an innovative solution to extending any HDMI with optional infrared signal – be it a gaming console, Blu-ray player, etc. – over inexpensive CAT6 STP cabling up to 150 feet away to one to four remote displays.

- Compact Transmitter/Receiver Units
- Supports HDMI with Optional Bi-directional Infrared Signal
- Transmit Embedded Audio Signals
- Perfect Image Quality at all Resolutions (480p, 720i, 720p, 1080i, 1080p)
- Transmits HDMI 1080p/60 up to 150 Feet and 1080p/24 up to 280 Feet via Dual CAT6 STP Cabling
- Bandwidth to 1.65Gps
- Automatic DDC Learning from Local Monitor
- Supports Bi-directional Infrared

x4   150 ft. over STP

HDX-RX1000
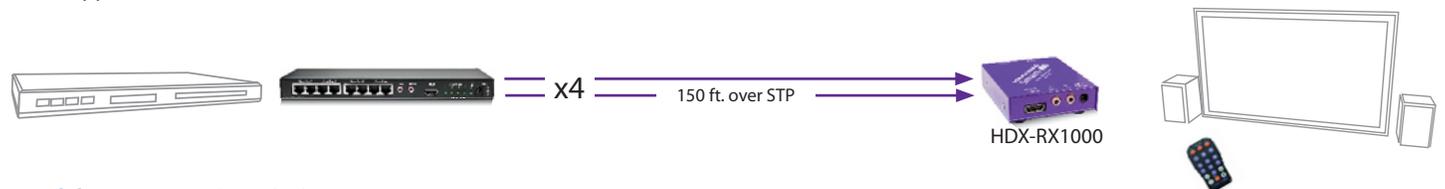
Model	Description
HDX-4000S	HDMI CAT6 STP 4 ports Extender with IR . Includes: [HDX-TX4000, (CCHDMM06) & (PS5VD2A)]

HDX-400 HDMI Splitter/Extender

3-PORT HDMI OVER STP

SmartAVI's HDX-400 is an innovative solution to extending any HDMI signal – be it a gaming console, Blueray player, computer, etc. – over inexpensive CAT5 STP cabling up to 150 feet away to one to three remote displays and one local screen for real-time monitoring of content.

- Compact Transmitter/Receiver Units
- Supports HDMI with Optional Bi-Directional Infrared Signal
- Local HDMI Output
- Transmit Embedded Audio Signals
- Perfect Image Quality at all Resolutions (480p, 720i, 720p, 1080i, 1080p)
- Transmits HDMI 1080p/60 up to 150 Feet and 1080p/24 up to 280 Feet via Dual CAT5 STP Cabling
- Bandwidth to 1.65Gps

x3   150 ft. over STP

HDX-RX100
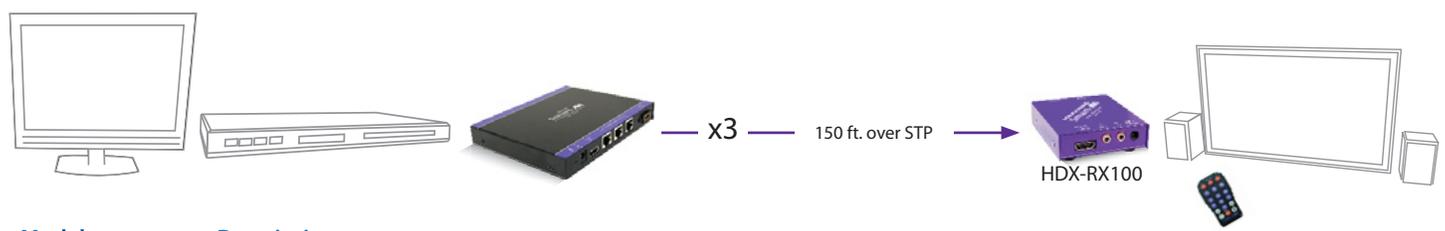
Model	Description
HDX-400S	Transmitter for HDMI over single Cat6. Includes: [HDX-400 and (PS5V2A)]

AVRouter 8X8 8-Port WUXGA Video and Stereo Audio Switch

8-PORT A/V

The AVRouter series of products provides an unprecedented range of switching and distribution equipment for WUXGA and stereo audio by combining the features of high-quality video and audio matrixes. Powered by Windows®-based control software, the AVRouter models are a cost-effective solution for use in signage, security and data distribution.

- RS-232 Windows® GUI control
- TCP/IP and Telnet control with SMTCP option
- Housed in standard 19" rack mounting case
- High-quality video switching
- High quality audio switching
- Resolution up to 1920 x 1200
- Output signal up to 100 feet

Model	Description
AV08X08S	Routes 8 UXGA/component to 8 remote monitors. Includes: [AV08X08, (CC-PWR06-US),CCRS-23205MM, (SM-CSW)]
AV08X08AS	UXGA/audio routes 8 UXGA/audio to 8 remote monitors Includes: [AV08X08A, (CC-PWR06-US), CCRS-23205MM, (SM-CSW)]

AVRouter 16-Port WUXGA Video and Stereo Audio Switch

16-PORT A/V

The AVRouter series of products provides an unprecedented range of switching and distribution equipment for WUXGA and stereo audio by combining the features of high-quality video and audio matrixes. Powered by Windows®-based control software, the AVRouter models are a cost-effective solution for use in signage, security and data distribution.

- Supports up to 64 remote displays and speakers
- High-resolution 400 MHz bandwidth routing
- Daisy-chaining capable
- RS-232 Windows® GUI control
- TCP/IP and Telnet control with SMTCP option
- Housed in standard 19" rack mounting case
- High-quality video switching
- High quality audio switching
- Resolution up to 1920 x 1200
- Output signal up to 100 feet
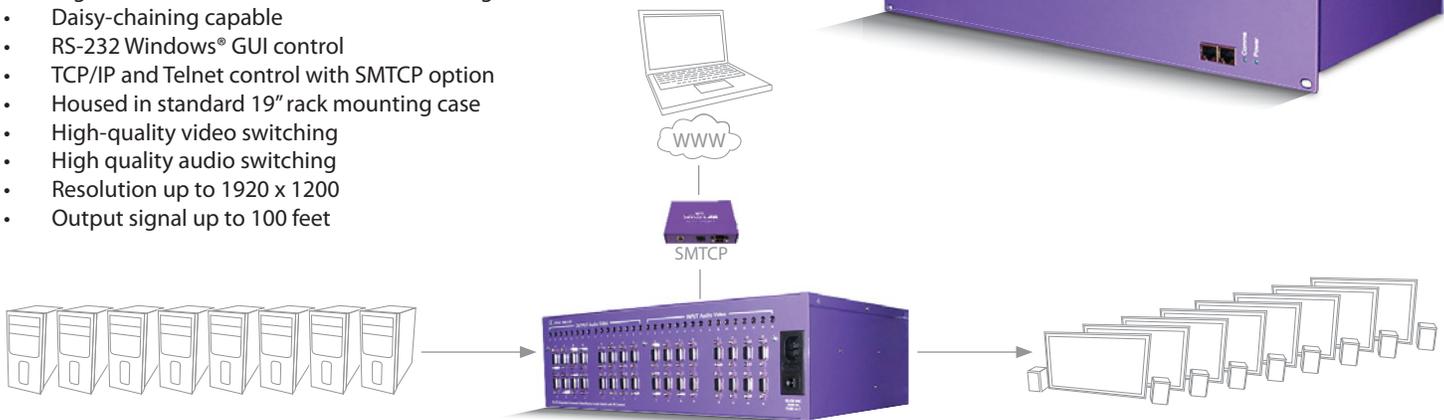
Model	Description
AV16X16S	Routes 16 UXGA to16 Remote Monitors. Includes: [AV16X16, CC-PWR06-US),CCRS-23205MM, (SM-CSW)]
AV16X16AS	Routes 16 UXGA/Stereo Audio to 16 Remote Monitors/speakers Includes: [AV16X16A, CC-PWR06-US),CCRS-23205MM, (SM-CSW)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

AVRouter32 32-Port WUXGA Video Switch

32-PORT A/V

The AVRouter series of products provides an unprecedented range of switching and distribution equipment for WUXGA signals by combining the features of high-quality video matrixes. Powered by Windows®-based control software, the AVRouter models are a cost-effective solution for use in signage, security and data distribution.

- High-resolution 400 MHz bandwidth routing
- Daisy-chaining capable
- RS-232 Windows® GUI control
- TCP/IP and Telnet control with SMTCP option
- High-quality video switching
- Resolution up to 1920 x 1200
- Output signal up to 100 feet
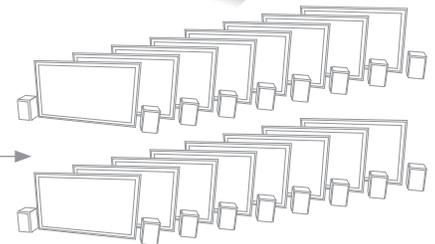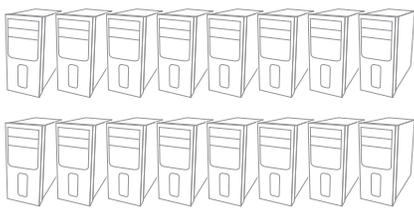
Model	Description
AV32X16S	Routes 32 UXGA/Components/RGB/Composite to 16 monitors. Includes: [AV32X16, CC-PWR06-US),CCRS-23205MM, (SM-CSW)]
AV32X32S	Routes 32 UXGA/Components/RGB/Composite to 32 monitors. Includes: [AV32X32, CC-PWR06-US),CCRS-23205MM, (SM-CSW)]

SmartNetV 128-Port Composite Video, Stereo Audio and IR Switch

128-PORT A/V +IR OVER CAT5

The SmartNetV routes up to 128 video, stereo audio and IR sources to 16 remote monitors and speakers located up to 1,000 feet away. This router is an extremely powerful and cost effective product for use in monitoring, security and AV distribution. Each output comes with a small discrete receiver unit providing high-quality signal conversion.

- High quality video and stereo audio routing
- Full interactivity via infrared control
- Compatible with all modulated IR and IRDA
- Automatic cable compensation
- On-screen display
- Expandable on-site
- Remote powering of receiver
- Variable input versions 16/32/48/64/128

1,699 ft. over CAT5   x16

HDC-VX
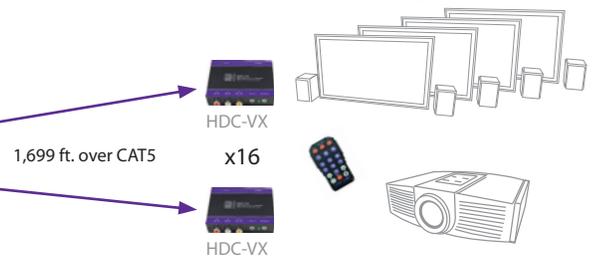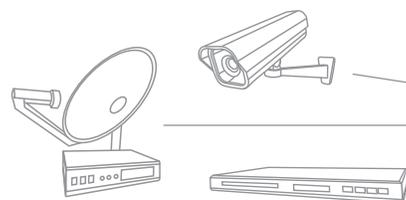
Model	Description
SNV16X16S	Composite Video/Audio/IR over CAT5 16x16 matrix with RS-232 Control. Includes: [SNV16X16, SRS422, RS-232, (SM-CSW) & (CCPWR06US)]
SNV32X16S	Composite Video/Audio/IR over CAT5 32x16 Matrix with RS-232 Control. Includes: [SNV32X16, SRS422, RS-232, (SM-CSW) & (CCPWR06US)]
SNV64X16S	Composite Video/Audio/IR over CAT5 64x16 Matrix with RS-232 Control. Includes: [SNV64X16, SRS422, RS-232, (SM-CSW) & (CCPWR06US)]

SuperMatrix MX 16-Port WUXGA Video, Stereo Audio, IR and RS-232 Matrix over CAT5

16-PORT A/V +IR, RS-232 OVER CAT5

SuperMatrix MX combines all the functions of and audio matrix, video matrix, IR matrix and a full RS-232 matrix into one 16-port matrix. This gives you absolute control over all of your audio/video and display devices over distances up to 1,699 feet over CAT5 cabling. SuperMatrix MX is Dolby 5.1 compatible and supports analogue High-Definition Television (HDTV).

Route up to 16 UXGA video and stereo audio sources to 64 Remote monitors and speakers using our XT receivers and CAT5 cable. You can also route additional sound sources to external amplifiers independently. This is useful if you want to add additional sound sources such as background music or security features. The full duplex Infrared and RS-232 feature gives you full control of both the matrix and all connected displays and devices.

Features

- Switches 16 inputs to any 16 outputs for unmatched design flexibility
- SuperMatrix is a full non-blocking switching matrix
- Integrated RS-232 and Infrared matrix
- Switch signals from devices located up to 1,699 feet apart
- HD compatible (720p, 1080i, 1080p)
- Supports high resolution video up to 1920x1200
- Compatible with Video Composite, S-Video, Component and VGA
- Provides access to 16 computers from 16 workstations
- Allows for remote control of devices through an Infrared connection

RS-232 Compliant

- Control of all the functions of the Matrix
- Multiple control interfaces
- Remote power control of all connected display devices
- Commands such as video schedules or input source
- Report activity
- Enable touch-screen displays to send and receive data
- Interrupt displays with Alerts and urgent messages
- Remote access from the internet through SMTCP

Applications

You can find SuperMatrix installed anywhere the distribution of multiple video formats throughout large areas is needed. Places like hotels, command centers, boardrooms, educational environments, entertainment facilities even high definition home integration.

- Video Walls
- Audio Visual Presentations
- Digital Signage
- Shopping Centers
- Airports
- Security
- Dealer Rooms
- Point of Sale
- Control Room

WWW

SMTCP

XTPRO Xtreem

1,699 ft. over CAT5

x16

XTPRO RX
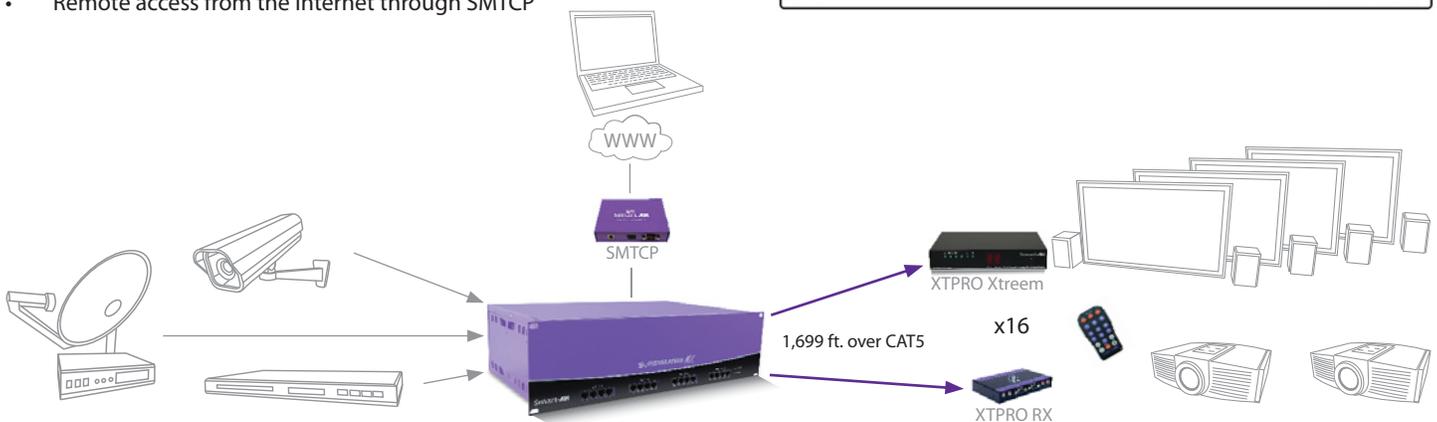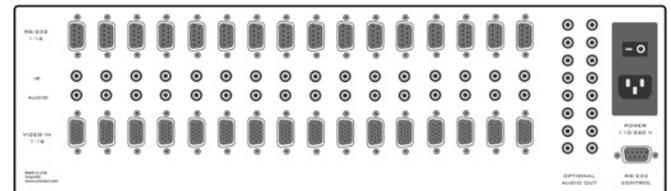
Model	Description
SMX-AV1616S	Component or UXGA + Audio over CAT5 16x16 Matrix with RS-232 Control. Includes: [SMX-AV1616, CCRS232MF6, SMP-SW & (CCPWR06US)]
SMX-AV3216S	Component or UXGA + Audio over CAT5 32x16 Matrix with RS-232 Control. Includes: [SMX-AV3216, CCRS232MF6, SMP-SW & (CCPWR06US)]
SMX-AV6416S	Component or UXGA + Audio over CAT5 64x16 Matrix with RS-232 Control. Includes: [SMX-AV6416, CCRS232MF6, SMP-SW & (CCPWR06US)]

SuperMatrix MX2 32-Port WUXGA Video , Stereo Audio, IR and RS-232 Matrix over CAT5

32-PORT A/V +IR, RS-232 OVER CAT5

SuperMatrix MX2 combines all the functions of and audio matrix, video matrix, IR matrix and a full RS-232 matrix into one 32-port matrix. This gives you absolute control over all of your audio/video and display devices over distances up to 1,699 feet over CAT5 cabling. SuperMatrix MX is Dolby 5.1 compatible and supports analogue High-Definition Television (HDTV).

- Switches 32 inputs to any 16 outputs for design flexibility
- SuperMatrix is a full non-blocking switching matrix
- Integrated RS-232 and Infrared matrix
- HD compatible (720p, 1080i, 1080p)
- Supports high resolution video up to 1920x1200
- High quality audio switching

Model	Description
SMX-AVD1616S	Component or UXGA/Audio + RS-232/IR over CAT5 16x16 Matrix with RS-232 Control. Includes: [SMX-AVD1616, CCRS-232MF6, SMP-SW & (CCPWR06US)]
SMX-AVD3216S	Component or UXGA/Audio + RS-232/IR over CAT5 32x16 Matrix with RS-232 Control. Includes: [SMX-AVD3216, CCRS-232MF6, SMP-SW & (CCPWR06US)]
SMX-AVD6416S	Component or UXGA/Audio + RS-232/IR over CAT5 64x16 Matrix with RS-232 Control. Includes: [SMX-AVD6416, CCRS-232MF6, SMP-SW & (CCPWR06US)]

HDTV Router 8-Port WUXGA Video, Stereo Audio, IR and RS-232 Matrix over CAT5

8-PORT A/V +IR, RS-232 OVER CAT5

HDTV Router combines all the functions of an audio matrix, video matrix, IR matrix and a full RS-232 matrix into one sleek, cost-effective compact design. This gives you absolute control over all of your home entertainment components, how your system is set up and allows you to extend each of the component signals up to 1,699 feet over CAT5 cabling.

- Routes additonal audio signals independently
- Integrated IR and RS-232 router for each station
- Supports resolutions up to 1920 x 1200
- Full-duplex infrared and RS-232 control for compliant devices
- Transparent IR function supports frequencies between 20 and 100Khz
- PC Windows® control software
- HD Compatible 480p, 720p, 1080, 1080p
- High quality audio switching
-
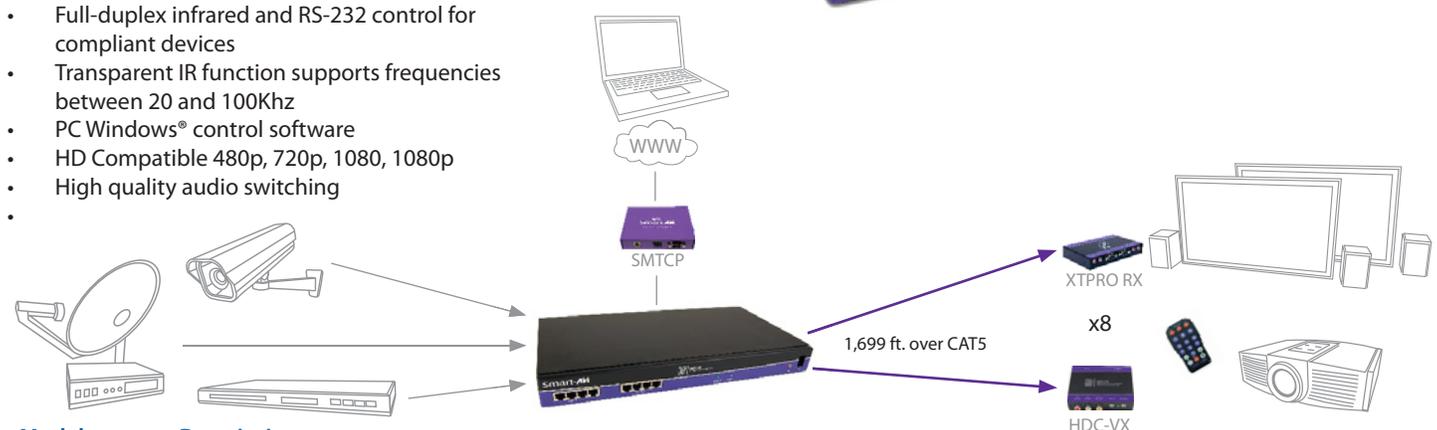
Model	Description
HDC-MXS	HDTV Component or UXGA + Audio over CAT5 8x8 Matrix with RS-232 Control. Includes: [HDC-MX0808, CCRS-232MF06, SM-CSW & (CCPWR06US)]

Catswitch 16-Port WUXGA Video and Stereo Audio Matrix over CAT5

Catswitch is a 16-port audio and video matrix capable of distributing audio/video and display devices over distances up to 1,699 feet over CAT5 cabling. SuperMatrix is Dolby 5.1 compatible and supports analogue High-Definition Television (HDTV).

- Supports high resolution video up to 1920x1200
- High quality audio switching
- PC Windows software control
- Integral UTP distribution
- 1U rack mounted chassis
- Uses easy to install, inexpensive CAT5/5e/6/7/8
- HDTV compatible (720p, 1080i,1080p)

Model	Description
CSW08X08S	CAT5 Audio/Video 8x8 Matrix with RS-232 Control. Includes: [CSW08X08, (SM-CSW) & (CCPWR06US)]
CSW16X08S	CAT5 Audio/Video 16x8 Matrix with RS-232 Control. Includes: [CSW16X08, (SM-CSW) & (CCPWR06US)]
CSW32X16S	CAT5 Audio/Video 32x16 Matrix with RS-232 Control. Includes: [CSW32X16, (SM-CSW) & (CCPWR06US)]

CatswitchPro 16-Port WUXGA Video, Stereo Audio, IR and RS-232 Matrix over UTP

CatswitchPro is a 16-port audio and video matrix capable of distributing WUXGA video, stereo audio, IR and RS-232 signals to display devices over distances up to 1,699 feet over CAT5 cabling. SuperMatrix is Dolby 5.1 compatible and supports analogue High-Definition Television (HDTV).

- Supports high resolution video up to 1920x1200
- High quality audio switching
- Infrared, RS-232 and TCP/IP control
- PC Windows software control
- Integral UTP distribution
- 1U rack mounted chassis
- Uses easy to install, inexpensive CAT5/5e/6/7/8
- Extension up to 1,699 feet
- HDTV compatible (720p, 1080i,1080p)

| Model	Description
CSWP08X08S	CAT5 Audio/Video/IR & R232 8x8 Matrix with RS-232 Control. Includes: [CSWP08X08 (SM-CSW) & (CCPWR06US)]
CSWP16X08S	CAT5 Audio/Video/IR & R232 16x8 Matrix with RS-232 Control. Includes: [CSWP16X08 (SM-CSW) & (CCPWR06US)]
CSWP16X16S	CAT5 Audio/Video/IR & R232 16x16 Matrix with RS-232 Control. Includes: [CSWP16X16 (SM-CSW) & (CCPWR06US)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

DVSW2P/4P Cross-platform DVI-D, USB 2.0 and Stereo Audio KVM

2/4-PORT DVI-D AUDIO +USB

The DVSW2P is a cross-platform KVM capable of sharing a DVI-D Monitor, USB 2.0 Keyboard, USB 2.0 Mouse and Stereo Audio between two computers, PC or Mac. View two computers equipped with DVI-D on a single screen., saving money and desktop space.

- Supports Mac, PC, Linux and Sun DVI-D
- Supports High Resolution1920x1200 60 HzWUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports Universal USB 2.0 keyboard and mouse
- Output DVI up to 20 feet
- Balanced stereo audio output
- Front panel switch with LED indicator
- Saves space on your desktop

20 ft. over DVI-D

20 ft. over DVI-D

20 ft. over DVI-D

Model	Description
DV-SW2S	DVI-D 2x1 Switch with RS-232 Control. Includes: [DV-SW2 & (PS5VD2A)]
DV-SW4S	DVI-D 4x1 Switch with RS-232 Control. Includes: [DV-SW4 & (PS5VD2A)]

DVSW8P/16P Cross-platform 8/16-port DVI-D Switch with RS-232 Control

8/16-PORT DVI-D +RS-232

The DVSW4P/8P is a cross-platform switch capable of sharing one DVI-D monitor between four computers, PC or Mac. View up to eight or sixteen computers equipped with DVI-D on a single screen., saving money and desktop space. The DVSW8P/16P is also RS-232 compliant and can be remotely controlled.

- Supports Mac, PC, Linux and Sun DVI-D
- Supports High Resolution1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Output DVI-D up to 20 feet
- Full RS-232 control
- Front panel switch with LED indicator
- Saves space on your desktop

20 ft. over DVI-D

20 ft. over DVI-D

20 ft. over DVI-D

Model	Description
DV-SW8S	DVI-D 8x1 Switch with RS-232 Control. Includes: [DV-SW8 & (PS5VD4A)]
DV-SW16S	DVI-D 16x1 Switch with RS-232 Control. Includes: [DV-SW16 & (PS5VD4A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

DVNET2P/4P Cross-platform 2/4-port DVI-D, USB 2.0, Stereo Audio and IR KVM

2/4-PORT DVI-D AUDIO +USB

The DVNET2P/4P is a cross-platform KVM capable of sharing a DVI Monitor, USB 2.0 Keyboard, USB 2.0 Mouse, Stereo Audio and IR between two or four computers. It is RS-232 and Infrared compliant, capable of being controlled remotely via software.

- Supports Mac, PC, Linux and Sun DVI
- Supports High Resolution1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports Universal USB 2.0 keyboard and mouse
- Balanced stereo audio output
- Front panel tactile switch with LED indicator
- Full IR and RS-232 control

20 ft. over DVI-D

20 ft. over DVI-D

20 ft. over DVI-D

Model	Description
DVN-2PS	DVNET-2P, 2X1 DVI-D, USB2.0, Audio switch Includes: [DVN-2P &(PS5VD2A)]
DVN-4PS	DVNET-4P, 4X1 DVI-D, USB2.0, Audio switch Includes: [DVN-4P & (PS5VD2A)]

DVNET8P/16P Cross-platform 8/16-port DVI-D, USB 2.0, Stereo Audio and IR KVM

8/16-PORT DVI-D AUDIO +USB

The DVNET8P/16P is a cross-platform KVM capable of sharing a DVI Monitor, USB 2.0 Keyboard, USB 2.0 Mouse, Stereo Audio and IR between eight or sixteen computers. It is RS-232 and Infrared compliant, capable of being controlled remotely via software.

- Supports Mac, PC, Linux and Sun DVI
- Supports High Resolution1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports Universal USB 2.0 keyboard and mouse
- Balanced stereo audio output
- Front panel tactile switch with LED indicator
- Full IR and RS-232 control

20 ft. over DVI-D

20 ft. over DVI-D

20 ft. over DVI-D

Model	Description
DVN-8PS	DVNET-8P, 8X1 DVI-D, USB2.0, Audio switch Includes: [DVN-8P & (PS5VD4A)]
DVN-16PS	DVNET-16P, 16X1 DVI-D, USB2.0, Audio switch Includes: [DVN-16P & (PS5VD4A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

DVR4X4 4-port DVI-D Matrix Switch with RS-232 Control

4-PORT DVI-D +IR, RS-232

The DVR4X4 is a 4-port DVI-D matrix capable of switching four computers with four displays. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- Non-blocking, single-link DVI-D matrix switch
- High-quality DVI-D Signal with a TMDS rate of 2 x 1.65 Gb/s
- Supports resolutions up to 1920 x 1200 60Hz (WUXGA)
- Simultaneous 4x4 analog matrix switching at 380 MHz bandwidth
- DVI-D transmission over 20 feet
- Control from either front panel or RS-232
- Available IR remote
- Automatic DDC learning

WWW

SMTCP

20 ft. over DVI-D   20 ft. over DVI-D
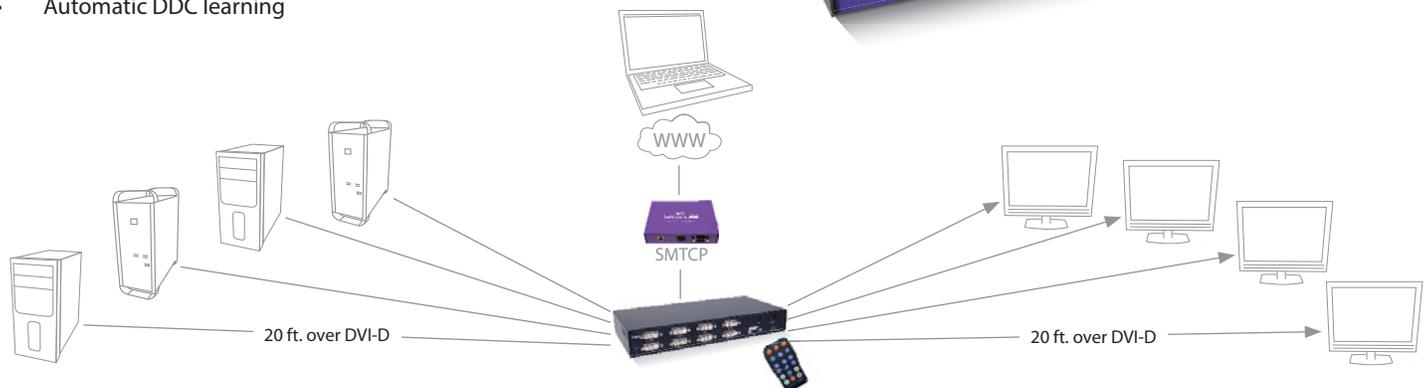
Model	Description
DVR4X4S	DVI-D 4x4 Router. Includes: [DVR4X4 & (PS5VD3A)]

DVR8X8 8-port DVI-D Matrix Switch with IR and RS-232 Control

8-PORT DVI-D +IR, RS-232

The DVR8X8 is a eight-port DVI-D matrix capable of switching eight computers with eight displays. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- Non-blocking, single-link DVI-D matrix switch
- High-quality DVI-D Signal with a TMDS rate of 2 x 1.65 Gb/s
- Supports resolutions up to 1920 x 1200 60Hz (WUXGA)
- Simultaneous 8x8 analog matrix switching at 380 MHz bandwidth
- DVI-D transmission over 20 feet
- Control from either front panel or RS-232
- Available IR remote
- Automatic DDC learning

WWW

SMTCP

20 ft. over DVI-D   20 ft. over DVI-D
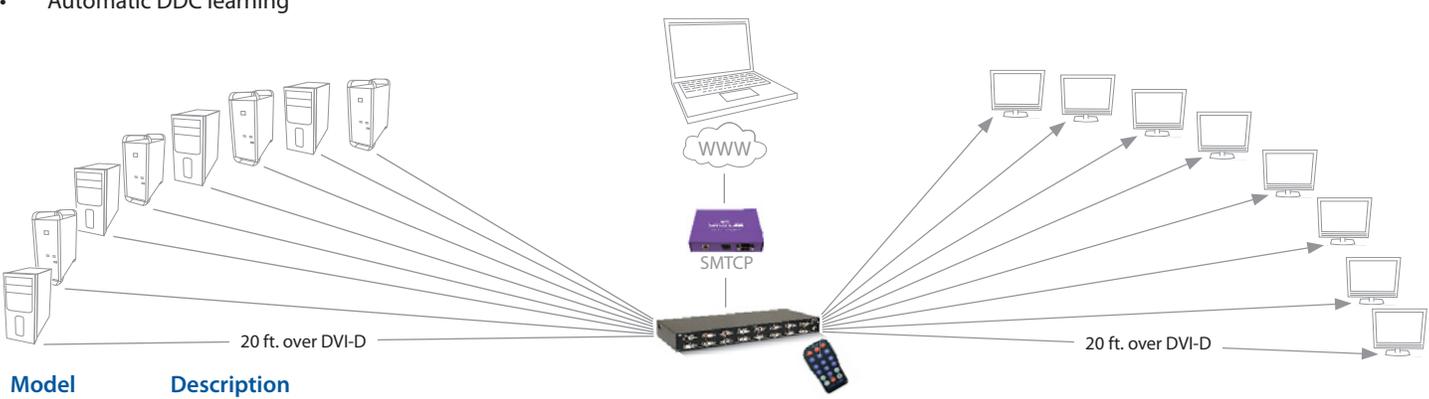
Model	Description
DVR8X8S	DVI-D 8x8 Router. Includes: [DVR8X8 & (PS5VD5A)]

pet

DVR8X8D 8-port Dual-link DVI-D Matrix Switch with IR and RS-232 Control

The DVR8X8D is a eight-port dual-link DVI-D matrix capable of switching eight computers with eight displays. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- Multiple EDID Support
- 8 x 8 non-blocking, dual-link DVI-D matrix switch
- Supports resolutions up to 1920 x 1200
- Control from either front panel or RS-232
- Available IR remote
- USB Control Available
- Ethernet control available
- Easy-to-use Windows based software

WWW

SMTCP

20 ft. over DVI-D   20 ft. over DVI-D

Model	Description
DVR8X8D	Dual Link DVI-D 8x8 Router. Includes: [DVR8X8D (SM-CSW) & (CCPWR06US)]

DVR16X16 16-port DVI-D Matrix Switch with IR and RS-232 Control

The DVR16X16 non-blocking digital video matrix switch is capable of switching between 16 DVI-D sources and 16 displays. It can controlled directly or remotely, using RS-232 commands, IR, USB or TCP/IP. This matrix is controlled by Windows®-based software that is simple to use – a cornerstone of all SmartAVI products.

- Multiple EDID Support
- 16 x 16 non-blocking, single-link DVI-D matrix switch
- Supports resolutions up to 1920 x 1200
- Control from either front panel or RS-232
- Available IR remote
- USB Control Available
- Ethernet control available
- Easy-to-use Windows based software

WWW

SMTCP

x16 — 20 ft. over DVI-D —   x16 — 20 ft. over DVI-D —

Model	Description
DVR16X16S	DVI-D 16x16 Router with RS-232 and TCP/IP control. Includes: [DVR16X16 (SM-CSW) & (CCPWR06US)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

DVR8X8Pro 8-port DVI-D Matrix Switch/Extender over STP with IR and RS-232 Control

8-PORT DVI-D +IR, RS-232 OVER STP

The DVR8X8Pro is a eight-port DVI-D matrix capable of switching and extending the DVI-D output of eight computers to eight displays up to 200 feet away over CAT6 STP It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- 8 x 8 Non-blocking, single-link DVI matrix switch
- Extender over CAT6 STP up to 200 feet
- High-quality DVI Signal with a TMDS rate of 2 x 1.65 Gb/s
- Supports resolutions up to 1920 x 1200 60Hz (WUXGA)
- Simultaneous 8x8 analog matrix switching at 380 MHz bandwidth
- DVI transmission over 190 feet
- Control from either front panel or RS-232
- Available IR remote
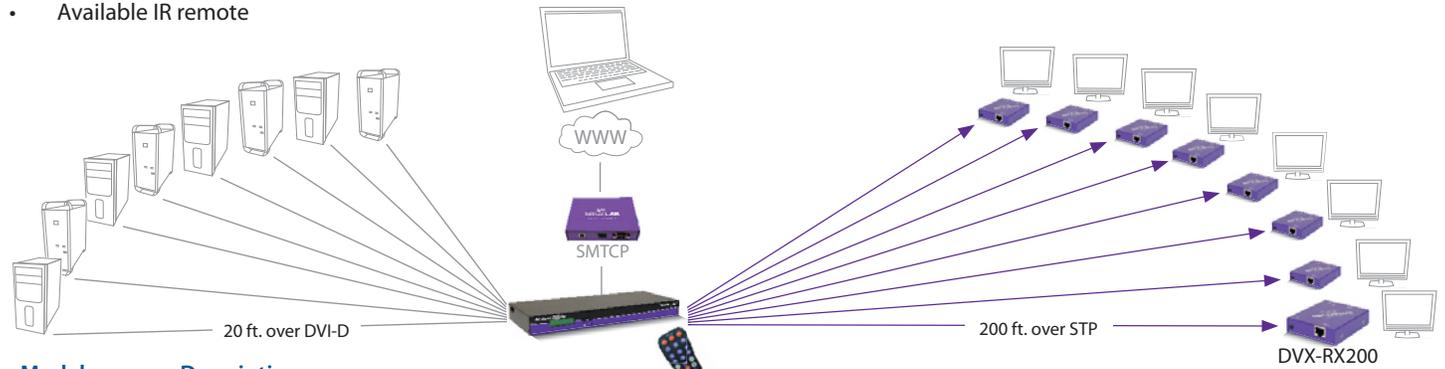
Model	Description
DVR8X8PROS	DVI-D 8x8 Router/Extenders over CAT6 STP. Includes: [DVR8X8PRO (SM-CSW) & (CCPWR06US)]

DVR16X16Pro 16-port DVI-D Matrix Switch/Extender over STP with IR and RS-232 Control

16-PORT DVI-D +IR, RS-232 OVER STP

The DVR16X16Pro non-blocking digital video matrix switch is capable of switching and extending between 16 DVI-D sources and 16 displays up to 200 feet away over CAT6 STP. It can controlled directly or remotely, using RS-232 commands, IR, USB or TCP/IP. This matrix is controlled by Windows®-based software that is simple to use – a cornerstone of all SmartAVI products.

- Multiple EDID Support
- 16 x 16 non-blocking, single-link DVI-D matrix switch
- Extender over CAT6 STP up to 200 feet
- Supports resolutions up to 1920 x 1200
- Control from either front panel or RS-232
- Available IR remote
- USB Control Available
- Ethernet control available
- Easy-to-use Windows based software

Model	Description
DVR16X16PROS	DVI-D 16x16 Router/Extender over CAT6 STP [DVR16X16PRO (SM-CSW) & (CCPWR06US)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

HR-2P 2-port HDMI Switch

2-PORT HDMI

The HR-2P switches between two HDMI 1.3 sources and outputs to one HDMI 1.3 compliant display. Switch between sources such as a Blu-ray player, gaming console, computer or cable receiver easily while viewing on one HDTV monitor

- Supports 480p, 720p, 1080i and 1080p video formats
- Supports HDMI 1.3 LPCM/Dolby-AC3/DTS7.1/DSD audio formats
- Controlled Locally or remotely via Infrared
- ATC & HDCP compliant
- Connect Two HDMI Components to one HDTV display
- Seamless Switching Between HDMI Sources

Model	Description
HR-2PS	HDMI 2x1 Switch. Includes: [HR-2P & PS5VDC1A-C]

HR-4P 4-port HDMI Switch

4-PORT HDMI

The HR-4P switches between four HDMI 1.3 sources and outputs to one HDMI 1.3 compliant display. Switch between sources such as a Blu-ray player, gaming console, computer or cable receiver easily while viewing on one HDTV monitor

- Supports 480p, 720p, 1080i and 1080p video formats
- Supports HDMI 1.3 LPCM/Dolby-AC3/DTS7.1/DSD audio formats
- Controlled Locally or remotely via Infrared
- ATC & HDCP compliant
- Connect Two HDMI Components to one HDTV display
- Seamless Switching Between HDMI Sources

| Model	Description
HR-4PS	HDMI 4x1 Switch. Includes: [HR-4P & PS5VDC1A-C]

HDR4X4 4-port HDMI 1.3 Matrix Switch with IR and RS-232 Control

The HDR4X4 is a 4-port HDMI 1.3 matrix capable of switching four HDMI sources with four HDMI displays. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- 4x4 non-blocking, single-link HDMI 1.3 matrix switch
- Maintains high resolution video up to 1080p
- Supports IR remote and RS-232 remote control
- Individual push button for switching HDMI source to each display
- Comes with easy to use SmartControl software
- HDCP compliant

Model	Description
HDR4X4S	HDMI 4x4 Router. Includes: [HDR4X4 & (PS5VD3A)]

HDR8X8 8-port HDMI 1.3 Matrix Switch with IR and RS-232 Control

The HDR8X8 is a 8-port HDMI 1.3 matrix capable of switching eight HDMI sources with eight HDMI displays. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- Switches 8 HDMI inputs with 8 HDMI outputs
- Sources can be routed independently to displays
- Switching controlled via the front panel, RS-232, IR, USB and TCP/IP
- Supports high definition video resolutions of 480p, 720p, 1080i and 1080p
- Supports 7.1 Digital Surround Sound Audio
- HDCP and HDMI 1.3 compliant
- Supports EDID for total control of compliant displays

Model	Description
HDR8X8S	HDMI 8x8 Router. Includes: [HDR8X8 & (PS5VD3A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

HDR16X16 16-port HDMI 1.3 Matrix Switch with IR and RS-232 Control

16-PORT HDMI +RS-232

The HDR16X16 is a 16-port HDMI 1.3 matrix capable of switching sixteen HDMI sources with sixteen HDMI displays. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

• Switches 16 HDMI inputs with 16 HDMI outputs
• Sources can be routed independently to displays
• Switching controlled via the front panel, RS-232, IR, USB and TCP/IP
• Supports high definition video resolutions of 480p, 720p, 1080i and 1080p
• Supports 7.1 Digital Surround Sound Audio
• HDCP and HDMI 1.3 compliant
• Supports EDID for total control of compliant displays
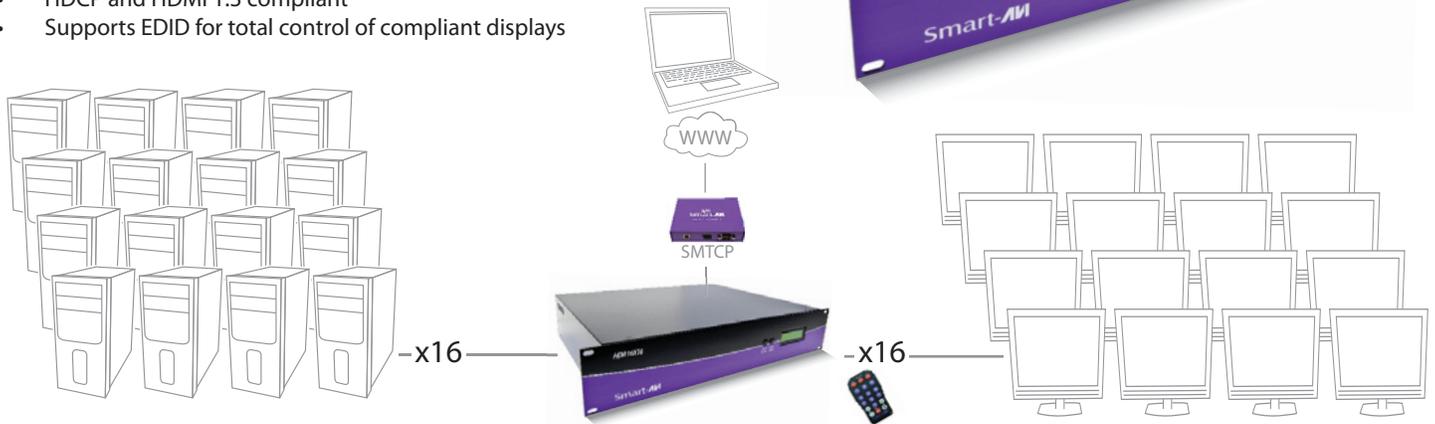
Model	Description
HDR16X16S	HDMI 16x16 Router. Includes: [HDR16X16 & (PS5VD3A)]

HDR4X4Pro 4-port HDMI 1.3 Matrix Switch/Extender over STP with IR and RS-232 Control

4-PORT HDMI +IR, RS-232 OVER STP

The HDR4X4Pro is a 4-port HDMI 1.3 matrix capable of switching four HDMI sources with four HDMI displays up to 200 feet over CAT6 STP. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

• 4x4 non-blocking, single-link HDMI 1.3 matrix switch
• CAT6 STP Extender up to 200 feet
• Maintains high resolution video up to 1080p
• Supports IR remote and RS-232 remote control
• Individual push button for switching HDMI source to each display
• Comes with easy to use SmartControl software
• HDCP compliant

200 ft. over STP

HDX-RX1000
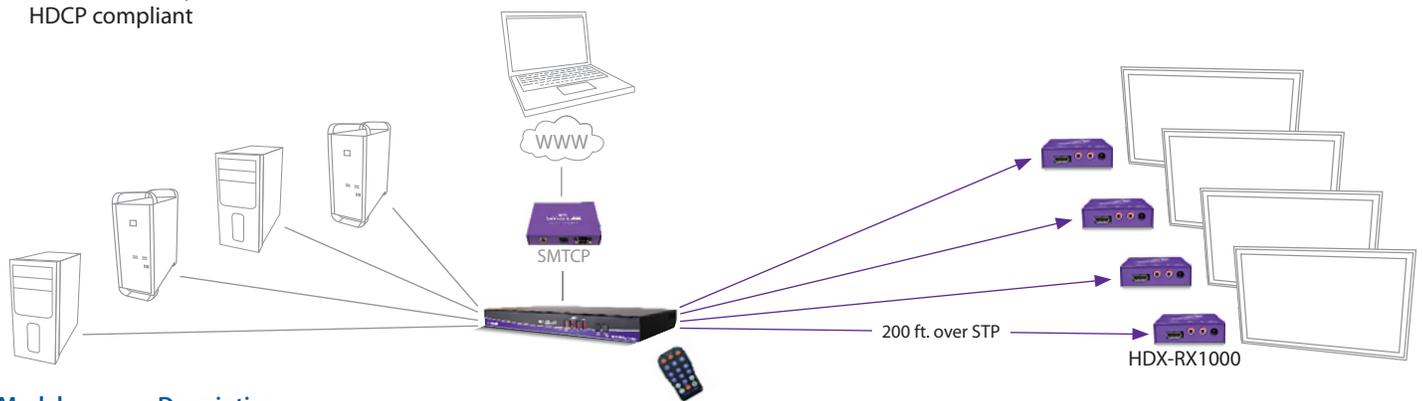
Model	Description
HDR4X4PROS	HDMI 4x4 outer/Extenders over CAT6 STP. Includes: [HDR4X4PRO & (PS5VD3A)]

HDR8X8Pro 8-port HDMI 1.3 Matrix Switch/Extender over STP with IR and RS-232 Control

8-PORT HDMI +IR, RS-232 OVER STP

The HDR8X8Pro is a 8-port HDMI 1.3 matrix capable of switching eight HDMI sources with eight HDMI displays up to 200 feet over STP. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- Switches 8 HDMI inputs with 8 HDMI outputs
- CAT6 STP Extender up to 200 feet
- Sources can be routed independently to displays
- Switching controlled via the front panel, RS-232, IR, USB and TCP/IP
- Supports high definition video resolutions of 480p, 720p, 1080i and 1080p
- Supports EDID for total control of compliant displays
- Supports 7.1 Digital Surround Sound Audio
- HDCP and HDMI 1.3 compliant

WWW

SMTCP

200 ft. over STP

HDX-RX1000

Model	Description
HDR8X8PROS	HDMI 8x8 outer/Extenders over CAT6 STP. Includes: [HDR8X8PRO & (SM-CSW) & (CCPWR06US)]

HDR16X16Pro 16-port HDMI 1.3 Matrix Switch/Extender over STP with IR and RS-232 Control

16-PORT HDMI +IR, RS-232 OVER STP

The HDR16X16Pro is a 16-port HDMI 1.3 matrix capable of switching sixteen HDMI sources with sixteen HDMI displays up to 200 feet over STP.. It is RS-232 and Infrared compliant, and capable of being controlled remotely via software.

- Switches 16 HDMI inputs with 16 HDMI outputs
- CAT6 STP Extender up to 200 feet
- Sources can be routed independently to displays
- Switching controlled via the front panel, RS-232, IR, USB and TCP/IP
- Supports high definition video resolutions of 480p, 720p, 1080i and 1080p
- Supports EDID for total control of compliant displays
- Supports 7.1 Digital Surround Sound Audio
- HDCP and HDMI 1.3 compliant

WWW

SMTCP

—x16—   —x16— 200 ft.. over STP

HDX-RX1000

Model	Description
HDR16X16PROS	HDMI 16x16 outer/Extenders over CAT6 STP. Includes: [HDR16X16PRO & (SM-CSW) & (CCPWR06US)]

EXTENDERS
SPLITTERS
SWITCHES
FIBER OPTICS
SIGNAGE & VIDEO WALL
ACCESSORIES

FVX-2000 WUXGA Video, Keyboard and Mouse KVM Extender over Fiber Optic

A/V

The FVX-2000 is a professional quality KVM that consists of a transmitter and receiver to extend Keyboard, Mouse and XGA signals up to 1,400 feet over a single multimode fiber optic cable. Fiber optic cable is capable of transmitting over very long distances with no signal loss and is immune to electromagnetic interference.

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Multimode Fiber (1,400 ft.)
- Video Resolutions up to 1600 x 1200
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all PC/AT and PS/2 Keyboards and Mice
- Fiber Plug Type SC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

FVX-RX2000 — 1,400 ft. over Fiber Optic Cable → FVX-RX2000
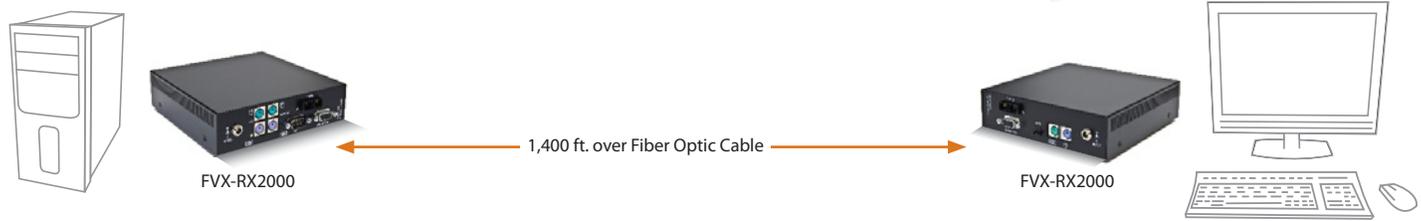
Model	Description
FVX-2000S	KVM VGA/PS2 fiber extender. Includes:[FVX-TX2000, FVX-RX2000, (CCKVMMF06) and 2 X (PS5V3A)]

FDX-AV DVI-D Video, Stereo Audio and RS-232 Extender over Fiber Optic

DVI-D
AUDIO
+RS-232

The FDX-AV consists of a transmitter and receiver that extend DVI-D, audio and RS-232 signals. Equipped with DVI-D connectors for multi-mode signals, this product is the perfect fiber solution for professional digital singage and multimedia presentation needs.. It is capable of extending signals up to 1,400 feet over a single multimode fiber optic cable.

- Top Signal Quality over Multimode Fiber (1,400 ft.)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports DVI-D
- VideoFiber Plug Type SC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

FDX-TXAV — 1,400 ft. over Fiber Optic Cable → FDX-RXAV

SIGNAGE PRO HD
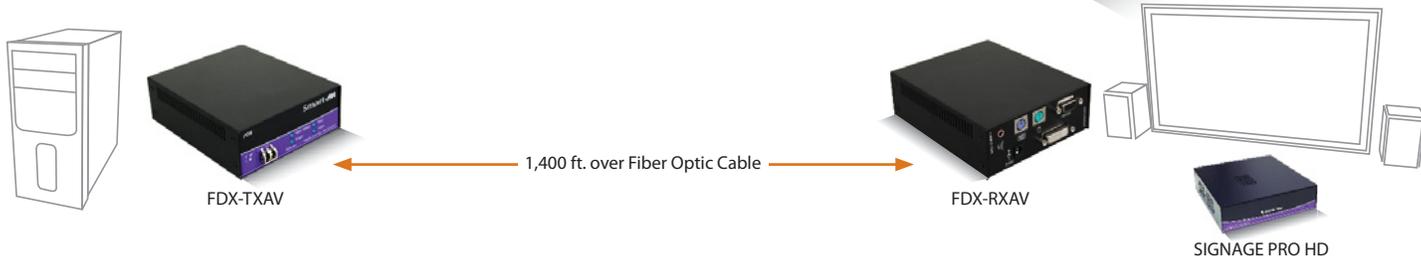
Model	Description
FDX-AVS	Point to point DVI-D, keyboard, mouse, Audio and RS-232 fiber extender. Includes:[FDX-TXAV, FDX-RXAV, 2 X (PS5V3A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

FDX-2000 DVI-D Video, Stereo Audio, RS-232, Keyboard and Mouse KVM Extender over Fiber Optic

The FDX-2000 consists of a transmitter and receiver that extend KVM, DVI-D, audio and RS-232 signals. It is a professional quality KVM capable of extending signals up to 1,400 feet over one multimode fiber optic cable.

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Multimode Fiber (1,400 ft.)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all PC/AT and PS/2 Keyboards and Mice
- Fiber Plug Type SC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

KVM DVI-D AUDIO +RS-232

FDX-TX2000   1,400 ft. over Fiber Optic Cable   FDX-RX2000
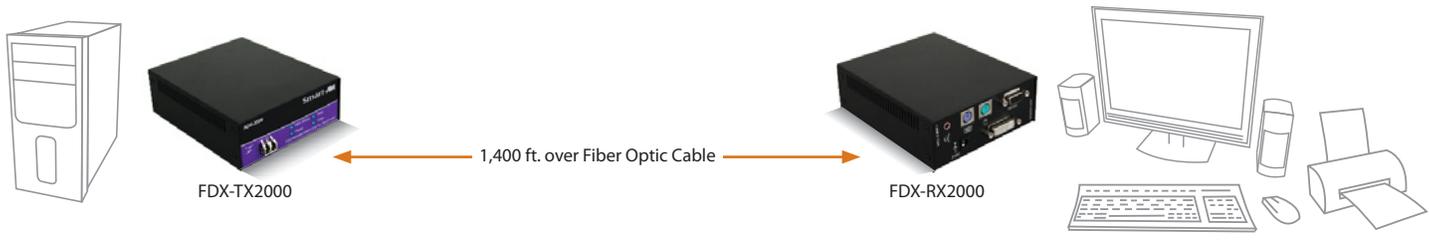
Model	Description
FDX-2000S	Point to point DVI-D, keyboard, mouse, Audio and RS-232 fiber extender Multimode. Includes:[FDX-TX2000, FDX-RX2000, 2 X (PS5V3A)]

# FDX-2500 DVI-D Video, Stereo Audio, RS-232, Keyboard and Mouse KVM Extender over Fiber Optic

Like the FDX-2000, The FDX-2500 consists of a transmitter and receiver that extend KVM, DVI-D, audio and RS-232 signals. But the FDX-2500 is capable of extending KVM signals up to **10 miles** over one singlemode fiber optic cable.

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Singlemode Fiber (10 miles)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all PC/AT and PS/2 Keyboards and Mice
- Fiber Plug Type LC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

KVM DVI-D AUDIO +RS-232

FDX-TX2500   **10 miles** over Fiber Optic Cable   FDX-RX2500
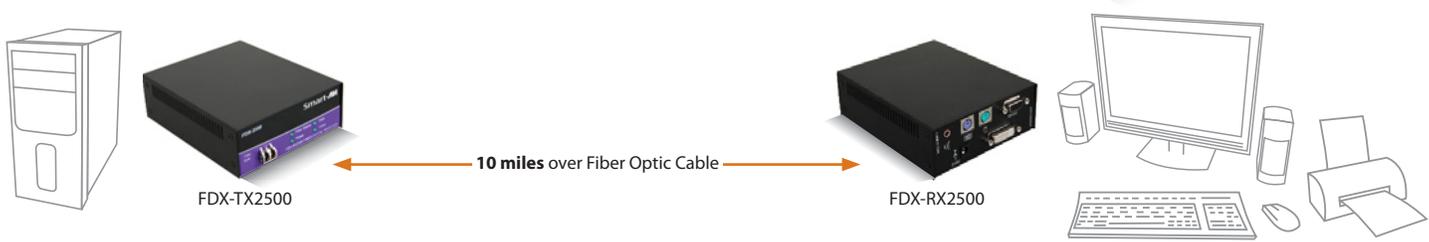
Model	Description
FDX-2500S	Point to point DVI-D, keyboard, mouse, Audio and RS-232 fiber extender. Singlemode Includes:[FDX-TX2500, FDX-RX2500, 2 X (PS5V3A)]

FDX-3000 DVI-D Video, Stereo Audio, RS-232, USB Keyboard and Mouse KVM Extender over Fiber Optic

The FDX-3000 consists of a transmitter and receiver that extend KVM, DVI-D, audio and RS-232 signals. It is a professional quality KVM capable of extending signals up to 1,400 feet over one multimode fiber optic cable.

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Multimode Fiber (1,400 ft.)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all USB Keyboards, Mice and Touch Screens
- Fiber Plug Type SC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

KVM DVI-D AUDIO +RS-232

FDX-TX3000

1,400 ft. over Fiber Optic Cable
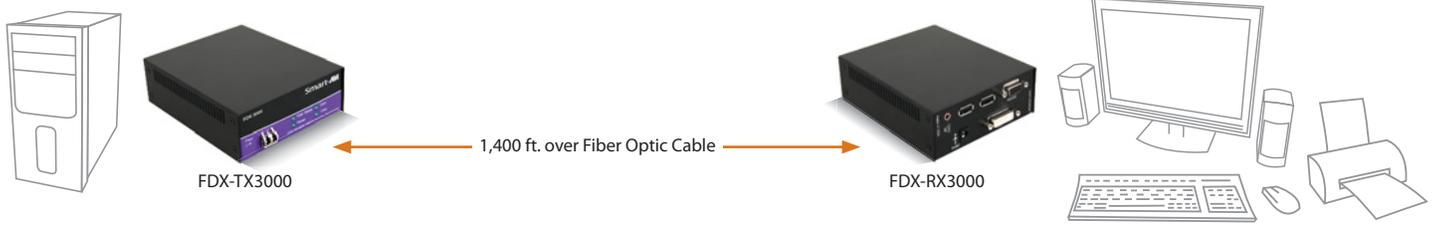
FDX-RX3000

Model	Description
FDX-3000S	Point to point DVI-D, (USB)keyboard, mouse, Audio and RS-232 fiber extender. Multimode Includes:[FDX-TX3000, FDX-RX3000, 2 X (PS5V3A)]

FDX-3500 DVI-D Video, Stereo Audio, RS-232, USB Keyboard and Mouse KVM Extender over Fiber Optic

Like the FDX-3000, The FDX-3500 consists of a transmitter and receiver that extend KVM, DVI-D, audio and RS-232 signals. But the FDX-3500 is capable of extending KVM signals up to **10 miles** over one singlemode fiber optic cable.

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Singlemode Fiber (10 miles)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all USB Keyboards, Mice and Touch Screens
- Fiber Plug Type LC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

KVM DVI-D AUDIO +RS-232

FDX-TX3500

10 miles over Fiber Optic Cable
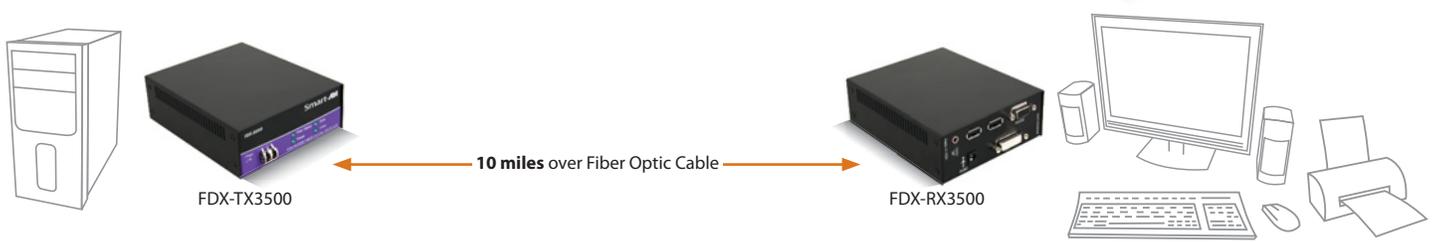
FDX-RX3500

Model	Description
FDX-3500S	Point to point DVI-D,(SUB) keyboard, mouse, Audio and RS-232 fiber extender. Multimode Includes:[FDX-TX3500, FDX-RX3500, 2 X (PS5V3A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

FDX-M2P 2-Port DVI-D Video, Stereo Audio, RS-232, and USB Keyboard and Mouse KVM Extender over Fiber Optic

The FDX-M2P consists of a transmitter and receiver that extend KVM, two DVI-D, audio and RS-232 signals. It is a professional quality KVM capable of extending signals up to 1,400 feet over two multimode fiber optic cables.

2-PORT DVI-D AUDIO, USB +RS-232

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Multimode Fiber (1,400 ft.)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all USB Keyboards, Mice and Touch Screens
- Fiber Plug Type SC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

FDX-TXM2P — 1,400 ft. over Fiber Optic Cable — FDX-RXM2P
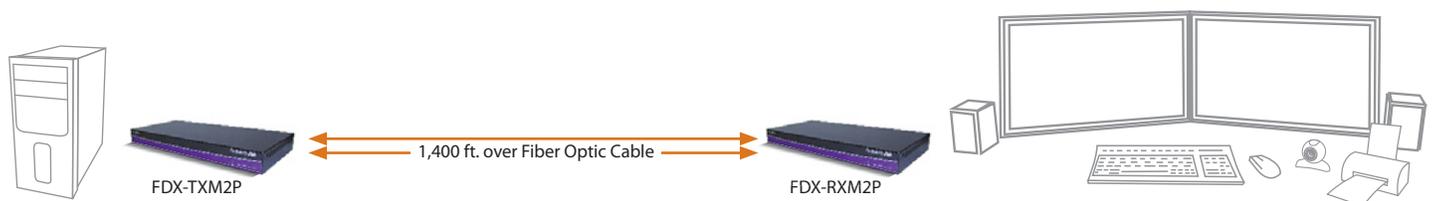
Model	Description
FDX-M2PS	MultiMode +Point to point Dual DVI-D, keyboard, mouse USB, Audio and RS-232 fiber extender. Includes:[FDX-TXM2P, FDX-RXM2P, 2 X (PS5V4A)]

FDX-S2P 2-Port DVI-D Video, Stereo Audio, RS-232, and USB Keyboard and Mouse KVM Extender over Fiber Optic

Like the FDX-M2P, The FDX-S2P consists of a transmitter and receiver that extend KVM, DVI-D, audio and RS-232 signals. But the FDX-S2P is capable of extending KVM signals up to **10 miles** over two singlemode fiber optic cables.

2-PORT DVI-D AUDIO, USB +RS-232

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Singlemode Fiber (10 miles)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all USB Keyboards, Mice and Touch Screens
- Fiber Plug Type LC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

FDX-TXS2P — **10 miles** over Fiber Optic Cable — FDX-RXS2P
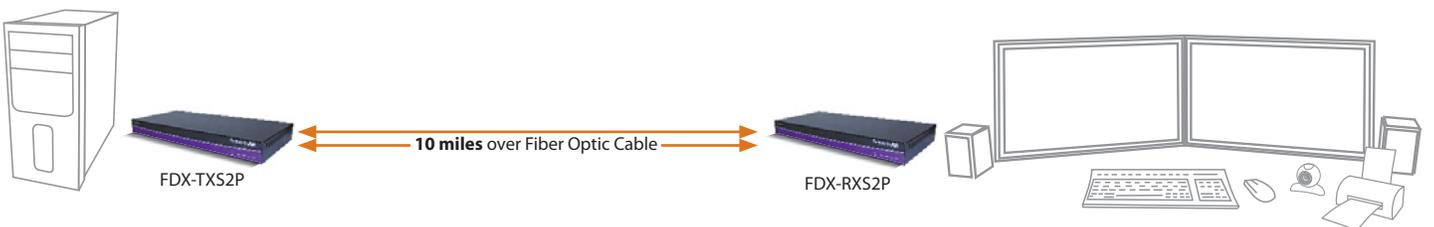
Model	Description
FDX-S2PS	Single Mode +Point to point Dual DVI-D, keyboard, mouse USB, Audio and RS-232 fiber extender. Includes:[FDX-TXS2P, FDX-RXS2P, 2 X (PS5V4A)]

FDX-M4P 4-Port DVI-D Video, Stereo Audio, RS-232, and USB Keyboard and Mouse KVM Extender over Fiber Optic

The FDX-M4P consists of a transmitter and receiver that extend KVM, two DVI-D, audio and RS-232 signals. It is a professional quality KVM capable of extending signals up to 1,400 feet over two multimode fiber optic cables.

4-PORT DVI-D AUDIO, USB +RS-232

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Multimode Fiber (1,400 ft.)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all USB Keyboards, Mice and Touch Screens
- Fiber Plug Type SC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

FDX-TXM4P — 1,400 ft. over Fiber Optic Cable — FDX-RXM4P
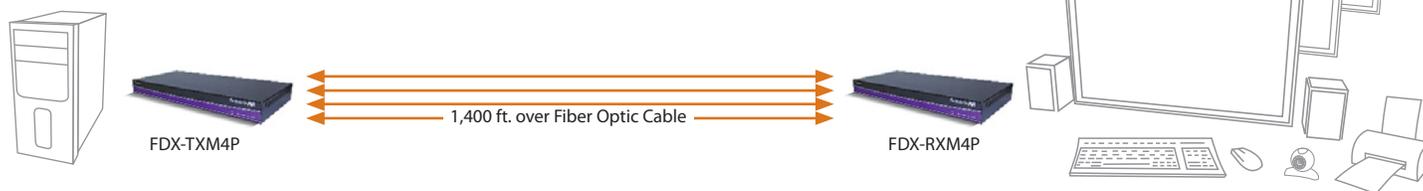
Model	Description
FDX-M4PS	MultiMode +Point to point Quad DVI-D, keyboard, mouse USB, Audio and RS-232 fiber extender. Includes:[FDX-TXM4P, FDX-RXM4P, 2 X (PS5V4A)]

FDX-S4P 4-Port DVI-D Video, Stereo Audio, RS-232, and USB Keyboard and Mouse KVM Extender over Fiber Optic

Like the FDX-M4P, The FDX-S4P consists of a transmitter and receiver that extend KVM, DVI-D, audio and RS-232 signals. But the FDX-S4P is capable of extending KVM signals up to **10 miles** over two singlemode fiber optic cables.

4-PORT DVI-D AUDIO, USB +RS-232

- Dual Access/Local Keyboard and Mouse
- Top Signal Quality over Singlemode Fiber (10 miles)
- Video Resolutions up to 1920 x 1200 at 60Hz
- Customizable/Programmable DDC Table
- Supports WUXGA
- Supports all USB Keyboards, Mice and Touch Screens
- Fiber Plug Type LC
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches

FDX-TXS4P — **10 miles** over Fiber Optic Cable — FDX-RXS4P
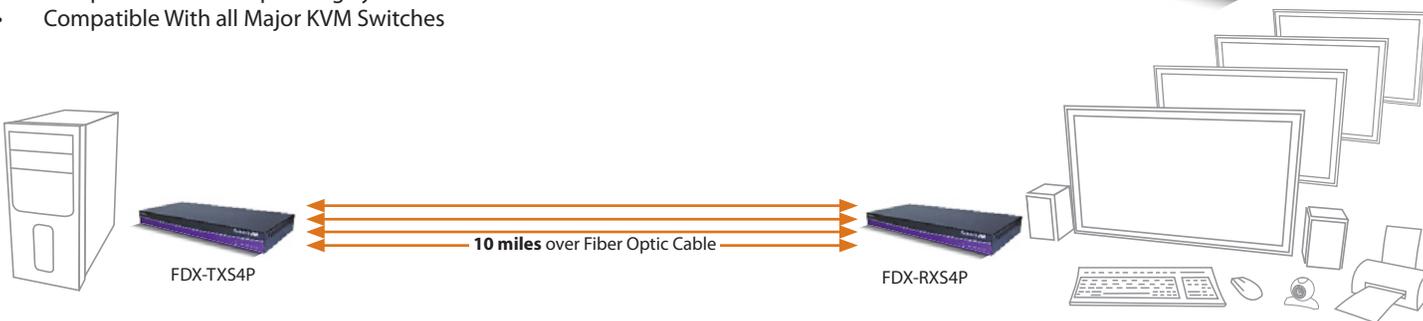
Model	Description
FDX-S4PS	Single Mode+Point to point Quad DVI-D, keyboard, mouse USB, Audio and RS-232 fiber extender. Includes:[FDX-TX4SP, FDX-RX4SP, 2 X (PS5V4A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

FX-HDPRO HDMI Video, Stereo Audio, IR and RS-232 Extender over Fiber Optic

HDMI AUDIO RS-232+IR

The SmartAVI FX-HDPro is a point-to-point fiber optics bridge for long distance and virtually "invisible" integration of home theater, digital signage and other professional audio/video applications. The FX-HDPro extends HDTV, infrared and RS-232 signals from high-definition components at distances up to 1,200 feet.

- Transmits HDMI Signals up to 1200 Feet
- Full IR and RS-232 Control
- Perfect 1080p HDTV Resolution
- IR Transparent IR Signal
- Full Creative Control Over Arrangement/Setup of Home Theater Components and Professional Digital Signage Displays
- Unit Uses Extremely Cost-Effective Fiber Optics Cabling
- LC Fiber Plug Type

FX-HDPro-TX

1,200 ft. over Fiber Optic Cable

FX-HDPro-RX

SIGNAGE PRO HD
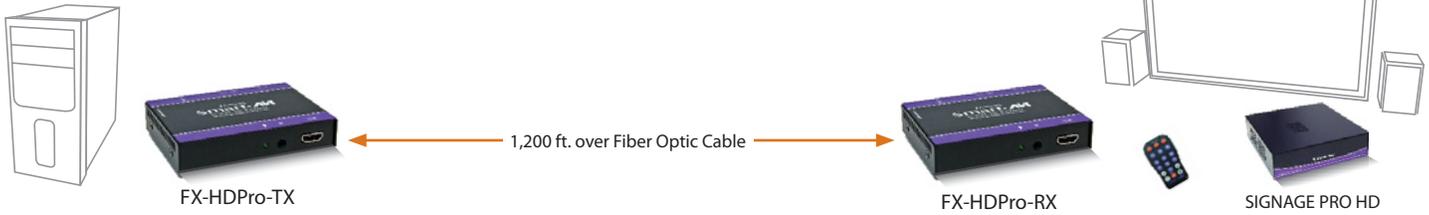
Model	Description
FX-HDPROS	HDMI/RS-232/IR Point to Point Fiber Extender. Includes: [FX-HDPro-TX, FX-HDPro-RX, 2 x (PS5V3A)]

FX-USB2 USB 2.0 Extender with 4-Port Hub over Fiber Optic

4-PORT USB

SmartAVI's FX-USB2 extends standard USB (Universal Serial Bus) 2.0 signals up to 1,200 feet using fiber optic cable. The FX-USB2 supports all USB 2.0 high-speed devices, from keyboards to digital cameras and will operate on Windows®, Mac and Linux® operating systems. An integrated four-port hub allows for multiple devices to be connected to the FX-USB2 at once.

- Supports USB 2.0 and 1.1 Devices
- Works on Windows, Mac and Linux Operating Systems
- Integrated Four-Port Hub
- Unit Uses Extremely Cost-Effective Fiber Optics Cabling
- LC Fiber Plug Type
- Bus-Powered Local Unit
- Power Adaptor for Remote Unit
- Plug-and-Play

FX-USB2-TX

325 ft. over CAT5

FX-USB2-RX
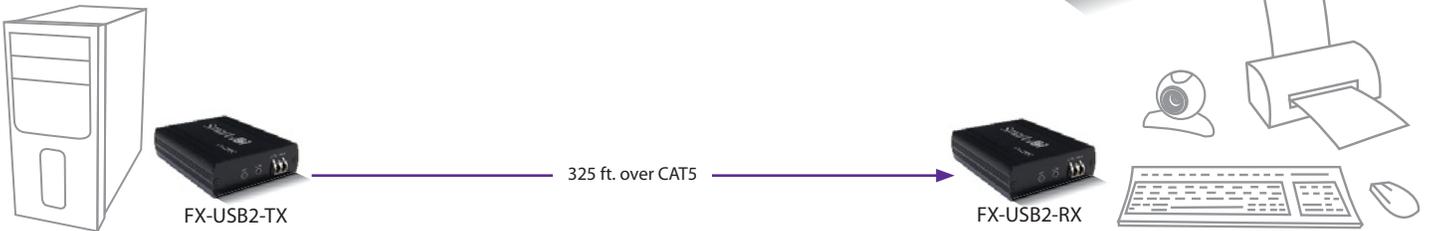
Model	Description
FX-USBS	USB Point to Point Fiber Extender. Includes: [FX-USBTX, FX-USBRX, 2 x (PS5V3A)]

SignagePro Accessing the Power of a Digital Signage Network has Never Been Easier

How can your business benefit from a digital signage network?

- Increase sales with enhanced point-of-sale promotions
- Educate your customers with product demonstrations
- Enhance employee training and communication
- Offer information and directions for large buildings and campuses
- Generate revenue from third party advertising
- Offer live news and data streams

SignagePro makes creating your own digital signage network easy:

Easy to own
SignagePro is one of the most cost effective products of its kind on the market. But don't let the low price fool you. SignagePro has all the features, dependability, and scalability of products costing several times as much.

Easy to set up
From start to finish, you'll be creating your own presentations in about an hour. Even the most non-technical users can follow our easy-to-use, step-by-step, illustrated instructions. If you do run into problems, we have fully trained support staff on hand to guide you.

Easy to use
We developed SignagePro to be used by everyone, not just the IT department. Our intuitive Windows-based interface will get you building your digital content like a professional in no time.

720p

SUPPORTED FORMATS

PowerPoint

MPEG/AVI

JPEG/GIF

HTML

Quicktime

Flash

RSS News Feeds

APPLICATIONS

The possibilities of Digital Signage are enormous. You need a solution that will get your message out quickly and easily.

The complete solution.

The SignagePro digital signage solution is a unique combination of hardware and software that allows a single PC to manage and control multiple remote display devices, simultaneously and independently, from a central location. Each remote display is capable of running a variety of rich media and applications uniquely suited for that specific location. For example, one screen could be running a PowerPoint presentation about washing machines, a second screen in a different location could be presenting a video about power tools and a third screen could be displaying the results of a database search, while all screens are exhibiting real-time news briefs and updates at the same time. The SignagePro software is compatible with all industry standard file formats, such as Flash files, Video, HTML, QuickTime, Microsoft Office, and JPG.

How Does SignagePro Work?

SignagePro is a comprehensive client-server solution. It is comprised of software that allows the central host (the main PC) to manage and control multiple remote client stations (displays) located anywhere in the world. The Signage- Pro system offers remote-client hardware and software solutions as well. The operating system is easily updated by downloading it to the main PC and copying it over the thin client devices. The system supports frequent and automatic updates from the main server, and runs all applications sent by the central server.

Take control of your digital signage network.

Model	Description
AP-SNSV-WS	SignageManager Software with ASUSBKEY; one per system
AP-SNCL-V4GS	SignagePro Player with 4GB Flash Memory. Includes: [AP-SNCL-V4G & CCPWR06]
AP-SNCL-V40GS	SignagePro Player with 40GB Disk. Includes: [AP-SNCL-V40G & CCPWR06]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

SignageProHD Accessing the Power of a Digital Signage Network has Never Been Easier

How can your business benefit from a digital signage network?

- Increase sales with enhanced point-of-sale promotions
- Educate your customers with product demonstrations
- Enhance employee training and communication
- Offer information and directions
  for large buildings and campuses
- Generate revenue from third party advertising
- Offer live news and data streams

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Easy to use
We developed SignagePro to be used by everyone, not just the IT department. Our intuitive Windows-based interface will get you building your digital content like a professional in no time.

1080p

SUPPORTED FORMATS

PowerPoint

MPEG/AVI

JPEG/GIF

HTML

Quicktime

Flash

RSS News Feeds

APPLICATIONS

The possibilities of Digital Signage are enormous. You need a solution that will get your message out quickly and easily.

The complete solution.

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Take control of your digital signage network.

Model	Description
AP-SNSV-WS	SignageManager Software with ASUSBKEY; one per system
AP-SNCL-VHD4GS	SignagePro HD Player with 4GB Flash Memory. Includes: [AP-SNCL-VHD4G & CCPWR06]
AP-SNCL-VHD40GS	SignagePro HD Player with 40GB Disk. Includes: [AP-SNCL-VHD40G & CCPWR06]

SignagePro Mobility Mobile Digital Signage Network Solution

SignagePro Mobility gives you the power of SmartAVI's powerful digital signage solution in a lightweight, more compact unit than ever, allowing for easy implementation in compact spaces such as airplanes, busses, trains and other forms of public transportation.

Capable of being updated at any time from a local computer via wireless network, SignagePro Mobility has been designed to be the digital signage solution for public transportation systems integrators – as well as anyone that may be short on space but big on ideas and the need to communicate to an audience on the go.

Lightweight, compact and featuring a DVI output so that it can be used with high-resolution display screens, SignagePro Mobility is the dynamic solution for getting your message in front of customers/patrons in settings where traditional digital signage hardware has been challenging and difficult – if not impossible. Until now.

720p

SUPPORTED FORMATS

PowerPoint

MPEG/AVI

JPEG/GIF

HTML

Quicktime

Flash

RSS News Feeds

FEATURES

- Compact, Lightweight Design
- Designed for Mobile Digital Signage Screens
- Supports Common Media Files Including QuickTime, JPG, GIF, AVI, MPEG, Flash, PowerPoint and MP3
- Easy-to-Use Windows- Based Control Software
- 30 Optional Screen Layout Templates
- Powerful Multi-Zone Capability
- Supports RSS Feeds
- External Power Supply
- Wireless Configuration/Control
- Wireless or 3G Network Programmable

APPLICATIONS

- Airplanes/Jumbo Jets
- Commuter/Tourist Busses
- Taxi Signs
- Trains
- Elevators
- Theme Park Attraction Ride Vehicles
- Retail Kiosks/Temporary Points of Sale
- Small or Temporary Digital Signage Locations

The possibilities of Digital Signage are enormous. You need a solution that will get your message out quickly and easily.

The beauty of SmartAVI's SignagePro Mobility is that it's been specifically developed for digital signage that is on the go – especially for transportation mediums such as busses, trains, taxis and jumbo jets with a "captive audience" of commuters and travelers.

A great example of SignagePro Mobility's technology would be used in a fleet of commuter busses in Los Angeles. Each morning, before they leave the station, brand new digital content could be uploaded to the vehicles via wireless network installed at the main station. That information could be changed daily (or as often as the busses came through the station) and played in a continuous loop for riders.

Of course, SignagePro Mobility also has the capability of being updated on-the-fly via Internet connection so that each unit can be remotely updated while on the move, wherever they happen to be. That simply depends on the type of updating the system coordinator or administrator feels the busses need each day and then the hardware can be programmed accordingly.

Model	Description
AP-SNSV-WS	SignageManager Software with ASUSBKEY; one per system
AP-SNCL-M4GS	SignagePro Mobility Player with 4GB Flash Memory. Includes: [AP-SNCL-M4G & PS12VDC5A
AP-SNCL-M40GS	SignagePro Mobility Player with 40GB Disk. Includes: [AP-SNCL-M40G & PS12VDC5A

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

SignWare Accessing the Power of a Mobile Digital Signage Network has Never been Easier

Deliver your message to audiences around the world with SignWare, an integrated signage management solution that is powerful and easy-to-use. SignWare makes signage simple at a very attractive price. The Signware digital signage solution is compact and can be installed in small spaces. Display video, images and RSS information with SignWare software. Several file types are supported including AVI, WMV, GIF and JPG. SignWare transmits high-quality 720p HD video combined with stereo audio.

SignWare uses the power of the internet to deliver content anywhere in the world.

Connect your display directly to the network or via the Internet. Once the content has been delivered, the Internet connection is no longer needed unless you are using live feeds.

Manage multiple SignWare devices through a central server

• Once connected to the display monitor, the client only needs an Internet connection for updating or you choose to have a live RSS feed as part of your presentation.
• The client is programmed and initiated from your own PC, be it a laptop or desktop computer in your home or office. One PC – we'll call it the "server" – can operate as many digital signage clients as you need at once, be it one or more than a thousand.

Keep track of all your Digital Signage delivery

• See what is currently being played across the network.
• Create reports for a history of what has been played.
• Export reports in plain text or Microsoft Excel format.

720p

SUPPORTED FORMATS

MPEG/AVI

JPEG/GIF

RSS News Feeds

APPLICATIONS

• Airplanes/Jumbo Jets
• Commuter/Tourist Busses
• Taxi Signs
• Trains
• Elevators
• Theme Park Attraction Ride Vehicles
• Retail Kiosks/Temporary Points of Sale
• Small or Temporary Digital Signage Locations

How can your business benefit from a digital signage network?

• Increase sales with enhanced point-of-sale promotions
• Educate your customers with product demonstrations
• Enhance employee training and communication
• Offer information and directions for large buildings and campuses

SignagePro makes creating your own digital signage network easy:

Easy to own
SignWare is one of the most cost effective products of its kind on the market. But don't let the low price fool you. SignagePro has all the features, dependability, and scalability of products costing several times as much.

Easy to set up
From start to finish, you'll be creating your own presentations in about an hour. Even the most non-technical users can follow our easy-to-use, step-by-step, illustrated instructions. If you do run into problems, we have fully trained support staff on hand to guide you.

Easy to use
We developed SignWare to be used by everyone, not just the IT department. Our intuitive Windows-based interface will get you building your digital content like a professional in no time.

Model	Description
AP-SNSV-4G	SignWare Player with 4GB Flash with PS12VDC1A
AP-SNW-W	SignageManager Software

Wall System 4 to 16 Displays for Use with PresenterWall, SmartAVI's Point-and-click Software

With PresenterWall's sophisticated, yet user-friendly technology at your fingertips, you can now place numerous images or a large high-resolution single image on multiple screens to create a dynamic presentation that will target your customers or dramatically enhance any area where PresenterWall is showcased.   PresenterWall's software allows full creative flexibility that allows for dynamic window sizing and positioning, smooth zooming within images, custom borders, titling, programmable presets, backgrounds, logo templates, optional digital time display and on-screen cursor control. SmartAVI's PresenterWall is priced aggressively against other video wall systems that cannot approach its creative adaptability, simple operation and commanding performance.

COMPLETE SYSTEM

Easy Implementation

SmartAVI's PresenterWall has been designed with the common user in mind. We understand that you want a product that is simple to understand and easy to implement right out of the box without headache or frustration. Our programmers have taken great care to create software that allows even novice users to have PresenterWall up and running in minutes, achieving high-end results in just a short amount of time. Less hassle and more creative excitement is what you should expect as a SmartAVI customer. Once familiar with the PresenterWall software, you can begin experimenting and creating more complex presentations – complex in appearance, that is. Our user-friendly software makes "complicated" productions as simple as point… and click!

   You will find PresenterWall's ability to read everyday files from your computer, such as Flash, Power- Point, JPEGs and QuickTime extremely helpful; there is no file conversion necessary. In addition to understanding a vast amount of file types, PresenterWall also is equipped to stream from DVDs or live cameras, creating a virtually limitless palette from which to create dynamic presentations.

Simple Software

Whether you have four or 12 video screens to use with PresenterWall, set up is made easy with SmartAVI's point-and-click software. End users have the ability to set up each monitor individually (such as resolution and color quality) and then can "add" them to the PresenterWall system.

For greater flexibility and simplicity, you can also define your video wall configuration within the software, such as 2x2, 2x5, 4x3, 3x4, 6x2, etc. and with one click, set all of the monitors in the group at the same time. This enables the software to communicate with each monitor separately or as part of a larger grouping for stretched/tiled images and video.

APPLICATIONS

- Command Centers
- Simulation Systems
- Convention Facilities
- Information Displays
- Communication Hubs
- Digital Signage Displays
- Network Operations Centers

FEATURES

- WindowsXP support
- Multiple Vporter cards supported
- Multi-screen support, no position or size restrictions
- Separate controls for brightness, contrast, color and cropping
- Fully controllable using the Presenter Wall control software
- Video overlay windows are updated in real time with zero CPU overhead
- Multi-standard video support, PAL, NTSC, SECAM
- VGA Capture

Ease of use, adaptability of the PresenterWall system and broad range of files that end users will likely use for content have been the main focus of SmartAVI in the development of this system. We understand that you want to hit the ground running with PresenterWall, not spend hours trying to decipher a dense manual or struggle with unfriendly software. At SmartAVI, we get it and understand that the key to your vision's success depends on the flexibility and overall simplicity of PresenterWall.

EXTENDERS
SPLITTERS
SWITCHES
FIBER OPTICS
SIGNAGE & VIDEO WALL
ACCESSORIES

2X2 Complete PresenterWall System 2X2

Option 1:

2x2 complete processor based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 2x2 video wall displaying HD content on either VGA or DVI monitors.

Option 2:

Option 2: 2x2 complete processor with a 4-port video capture card based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 2x2 video wall displaying HD content on VGA or DVI monitors from a hard drive or DVD.

Model	Description
VW-04XAS	PC Windows XP based Videowall; VGA 2x2 based on Xpress Video. Includes: [VW-04X, CCXPVGA, ASUSBKEY,CCPWR06US and AP-PRWL-W]
AP-VP04/8	PC Windows XP based Videowall; DVI 2x2 based on Xpress Video. Includes: [VW-04DX, (CCXPDVI), ASUSBKEY,CCPWR06US and AP-PRWL-W]

3X3 Complete PresenterWall System 3X3

Option 1:

3x3 complete processor based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 3x3 video wall displaying HD content on either VGA or DVI monitors.

Option 2:

Option 2: 3x3 complete processor with a 4-port video capture card based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 3x3 video wall displaying HD content on VGA or DVI monitors from a hard drive or DVD.

Model	Description
VW-09XAS	PC Windows XP based Videowall; VGA 3x3 based on Xpress Video. Includes: [VW-09X, 2x(CCXPVGA), ASUSBKEY,CCPWR06US, and AP-PRWL-W]
VW-09XDS	PC Windows XP based videowall; DVI 3x3 based on Xpress Video. Includes: [VW-09X, 2x(CCXPDVI), ASUSBKEY,CCPWR06US, and AP-PRWL-W]

Greater Flexibility

Whether implementing a 2x2, 3x3, 4x3 or 4x4 display with PresenterWall, set up is made easy with SmartAVI's point-and-click software. End users have the ability to set up each monitor individually (such as resolution and color quality) and then can "add" them to the PresenterWall system. For greater flexibility and simplicity, you can also define your video wall configuration within the software, and with one click, set all of the monitors in the group at the same time. This enables the software to communicate with each monitor separately or as part of a larger grouping for stretched/tiled images and video.

CUSTOM BUILT

4x3 Complete PresenterWall System 4x3

Option 1:

4x3 complete processor based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 4x3 video wall displaying HD content on either VGA or DVI monitors.

Option 2:

Option 2: 4x3 complete processor with a 4-port video capture card based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 4x3 video wall displaying HD content on VGA or DVI monitors from a hard drive or DVD.

Model	Description
VW-12XAS	PC Windows XP based Videowall; VGA 4x3 based on Xpress Video. Includes: [VW-16X, 2x(CCXPVGA), ASUSBKEY,CCPWR06US, and AP-PRWL-W]
VW-12XDS	PC Windows XP based Videowall; DVI 4x3 based on Xpress Video. Includes: [VW-16X, 2x(CCXPDVI), ASUSBKEY,CCPWR06US, and AP-PRWL-W]

4X4 Complete PresenterWall System 4X4

Option 1:

4x4 complete processor based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 4x4 video wall displaying HD content on either VGA or DVI monitors.

Option 2:

Option 2: 4x4 complete processor with a 4-port video capture card based on Windows XP, running an Intel Quad-Core CPU capable of supporting a 4x4 video wall displaying HD content on VGA or DVI monitors from a hard drive or DVD.

Model	Description
VW-16XAS	PC Windows XP based Videowall; VGA 4x4 based on Xpress Video. Includes: [VW-16X, 2x(CCXPVGA), ASUSBKEY,CCPWR06US, and AP-PRWL-W]
VW-16XDS	PC Windows XP based Videowall; DVI 4x4 based on Xpress Video. Includes: [VW-16X, 2x(CCXPDVI), ASUSBKEY,CCPWR06US, and AP-PRWL-W]

Xpander RD PCI Quad Quad Display Graphics Card Based on Radeon 7000 EDITION

Powered by the ATI Radeon 7000 graphics processor Presenterwall Management Software gives you flexible multi-display support to enable many combinations of video wall arrangement 2x2,1x4, 4x1 or 3x1 32MB of DDR memory ATI's HyperZ™ technology reduces memory bandwidth consumption resulting in improved performance. Incredible 3D graphics performance with ATI's Pixel Tapestry™ 3D rendering engine. Supports DirectX® 7.0, DirectX 8.0® and OpenGL® Supports 3D resolutions (32-bit color) up to 1920 x 1200 PCI.

 Ideal solution for video wall multimedia running WUXGA, eye-catching 32-bit true color, for desktop and DVD playback. SmartAVI Presenter Wall Software making the Xpander RD the solution. Affordable and ideal for small video wall requirement, and supports application of 2x2 application with video overlay option.

SPECIFICATIONS

- Powered by the ATI Radeon 7000 graphics processor
- Presenterwall Management Software gives you flexible multi-display support to enable many
- combinations of video wall arrangement 2x2,1x4, 4x1 or 3x1
- 32MB of DDR memory
- ATI's HyperZ™ technology reduces memory bandwidth consumption resulting in improved performance.
- Incredible 3D graphics performance with ATI's Pixel Tapestry™ 3D rendering engine.
- Supports DirectX® 7.0, DirectX 8.0® and OpenGL®
- Supports 3D resolutions (32-bit color) up to 1920 x 1200

4-PORT WUXGA

Model	Description
APPR-PX-RDS	Presenter Quad board display with direct video connection. Includes: [APU4-P-RD01, 4 x (CCHV06MF), ASUSBKEY and APPPRO-W]

Xpander Xpress Octal Display Graphics Card Based on ATI's Radeon™ X1650 Series

The SmartAVI Xpander Xpress octal display card is based on ATI's Radeon™ X1650 Series. The Xpander Xpress is the ideal solution for video wall multimedia running XVGA or DVI in eye-catching 32-bit truecolor, for desktop and DVD playback. Xpander Xpress is capable of supporting up to 8 displays per port. SmartAVI's PresenterWall software makes the XP4-Xpress the solution to your video wall needs. Affordable and ideal for large video wall requirement, Xpander Xpress supports 4 x 4 and larger applications with video overlay options.

Your system will be able to handle the latest video, Adobe Flash, Microsoft® PowerPoint, and high-definition digital images. Based on Radeon™ X1650, Xpander Xpress is capable of displaying a billion colors more than competing graphics processors, boasts one of the highest video performance scores in the industry, and can bring today's video wall systems to life with outstanding shader performance and simultaneous high dynamic range lighting and full-screen anti-aliasing, available only with ATI products.

SPECIFICATIONS

- CE and FCC certification
- RoHS and WEEE compliant
- PCI Express x16 bus interface
- Max. VGA resolution 1920 x 1200 per port
- Maximum pixel frequency per port is 400MHz
- Support MPEG1/2/4 decode and encode acceleration
- Max. DVI resolution 1920 x 1200 (165 MHz BW) per port
- Up to 128-bit memory interface using GDDR3 SDRAM to build 256 MB per GPU
- Support for DirectX 9.0 in hardware and complete feature set supported in OpenGL 2.0
- DVI-D and VGA outputs are driven through VHDCI-68 connectors with adapting cables
- Using a versatile PCI-E Switch to share just a single PCI-E slot by multiple native PCI-E GPUs
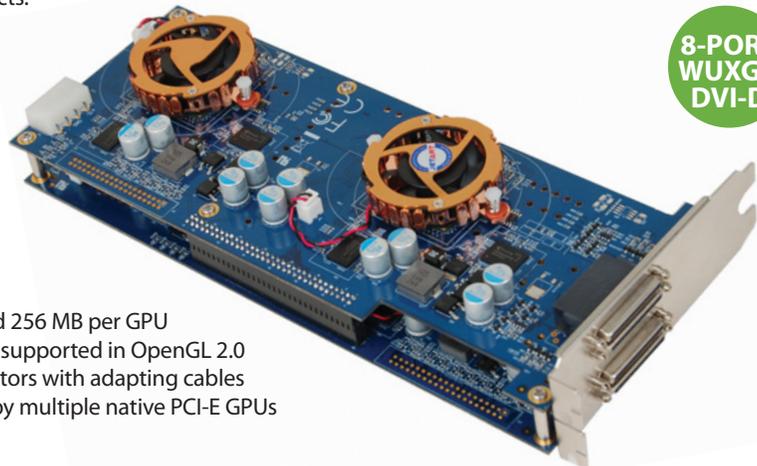
8-PORT WUXGA DVI-D

Model	Description
APPR-PX-XXS	Presenter 8 Port Xpress board display with direct video connection. Includes: [APU8-X-RD01, 2 x (CCXPVGA), ASUSBKEY and AP-PPRO-W]

EXTENDERS | SPLITTERS | SWITCHES | FIBER OPTICS | SIGNAGE & VIDEO WALL | ACCESSORIES

Xpander HD PCI Express® Quad Display Graphics Card Based on ATI's Radeon™ HD3850

The SmartAVI XP4-RD. PCI Quad display is based on Radeon 7000 EDITION Graphics Card offering excellent features and performance. Ideal solution for video wall multimedia running WUXGA, eye-catching 32-bit true color, for desktop and DVD playback. SmartAVI Presenter Wall Software making the XP4-RD the solution. Affordable and ideal for small video wall requirement, and supports application of 2x2 application with video overlay option.

The SmartAVI XP4-HD PCI Express® Quad display is based on ATI's Radeon™ HD3850 graphics card offering excellent features and performance. The SmartAVI XP4-HD advances users to the next generation of video wall technology with incredible, life-like graphics and support for the latest Microsoft® DirectX® 10.1 software. With PCI Express® 2.0 support, you'll be ready for a video wall that will demand faster throughput. Thanks to plug-and-play ATI CrossFireX™ upgradeability, it is easy to turbo-charge your wall's 3D performance. Enjoy the ultimate in image quality with resolutions up-scaled beyond 1080p.

SPECIFICATIONS

- CE and FCC certification
- RoHS and WEEE compliant
- PCI Express x16 bus interface
- Max. VGA resolution 2048 x 1536 per port
- Maximum pixel frequency per port is 400MHz
- Support MPEG1/2/4 decode and encode acceleration
- Max. DVI resolution 1920 x 1200 (165 MHz BW) per port
- Up to 128-bit memory interface using GDDR3 SDRAM to build 256 MB per GPU
- Support for DirectX 9.0 in hardware and complete feature set supported in OpenGL 2.0
- DVI-D and VGA outputs are driven through VHDCI-68 connectors with adapting cables
- Using a versatile PCI-E Switch to share just a single PCI-E slot by multiple native PCI-E GPUs

4-PORT WUXGA DVI-D

Model	Description
APPR-PX-RDS	Presenter Quad board display with direct video connection. Includes: [APU4-P-RD01, 4 x (CCHV06MF), ASUSBKEY and APPPRO-W]

VPorter Video Capture PCI Plug-in Card for Use with Xpander Card and Software

The Vporter is a video capture PCI plug-in card which has been designed to operate in conjunction with the Xpander card and software. The Vporter, when combined with the Xpander provides up to 8 separate video overlay windows. The Vporter enables you to bring 4 or 8 video sources such cameras, dvd players and satellite receivers to your videowall. The VPorter can be positioned and sized anywhere in the videowall. Together with Xpander, the Vporter offers the complete solution for videowalls that merge video and data into your video wall.

APPLICATIONS

- Control Rooms
- Command Centers
- Communication Hubs
- Convention Facilities
- Network Operations Centers

4/8-PORT CAPTURE

FEATURES

- 4 or 8 Ports
- WindowsXP support
- Multiple Vporter cards supported
- Multi-standard video support, PAL, NTSC, SECAM
- Multi-screen support, no position or size restrictions
- Separate controls for brightness, contrast, color and cropping
- Fully controllable using the Presenter Wall control software
- Video overlay windows are updated in real time with zero CPU overhead
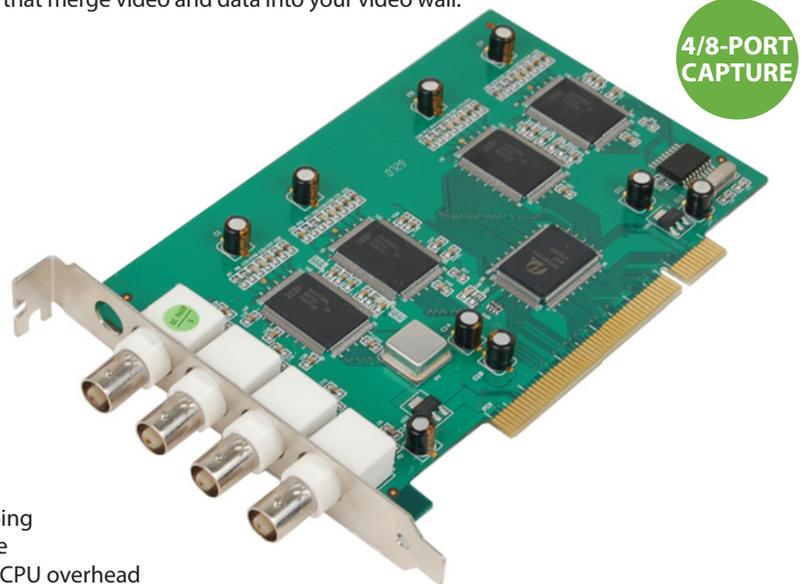
Model	Description
AP-VP04/8	4/8 Port PCI Video Capture Card

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

V-Grabber Capture any WUXGA Screen and Display it on your Windows® Desktop.

SmartAVI's V-Grabber is a Dynamic, Powerful PCI Card Functioning as a High-Resolution 1600 x 1200UXGA/RGB Frame Grabber. V-Grabber is capable of displaying all RGB/VGA sources on a desktop or display screen at resolutions up to 1600X1200. The card comes equipped with user-friendly software for configuring the timing and formatting of the input sources and how your desktop monitor will display the captured data.

APPLICATIONS

- Command Center Operations
- Theme Park/Attraction Integration
- Control Rooms
- Command Centers
- Communication Hubs
- Convention Facilities
- Network Operations Centers

WUXGA CAPTURE

FEATURES

- Captures up to 1600x1200 Resolution
- Multi-Sync Mode Detection
- Equipped with User-Friendly Playback Software
- Windows XP and Vista Support
- Auto-Detect VESA and HDTV Modes
- Data Transfer Speed up to 110 MBytes/s
- DMA Transfers Data Across PCI Bus Without Using Host CPU Cycles

Model	Description
SM-VGP-001	UXGA VGA PCI Frame Grabber for Windows XP

StretcherPro Stretch Any DVI-D Source Across Four DVI or VGA Displays

SmartAVI's StretcherPro is a digital signage / display wall controller that can take any DVI-D source and stretch it among four VGA or DVI displays. StretcherPro supports the highest resolution available (1920 x 1200) on the market for single link DVI-D. Each of the four screens displays ¼ of the image in a 2 x 2 format, using real-time scaling.

4-PORT STRETCHER

- 2 x 2 VGA Digital Signage / Display Wall Controller
- Supports DVI-D Input
- Supports Multiple DDC Tables
- Resolutions up to 1920 x 1200
- Outputs to Four Screens, Each Showing ¼ of the VGA Image (2 x 2 Format)
- Supports Analog and DVI LCD Displays
- Stand-Alone Unit, No additional Software or Hardware Necessary
- Multiple Units can be Linked for Larger Wall Configuration
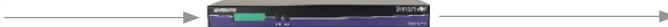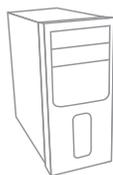
Model	Description
UXST4S	UX-Stretcher: Expand any DVI-D among 4 DVI-I screens. Includes: [UXST4, (CCPWR06)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

EXTENDERS
SPLITTERS
SWITCHES
FIBER OPTICS
SIGNAGE & VIDEO WALL
ACCESSORIES

CVH-01 Video Components/VGA and Audio to HDMI Converter

VGA TO HDMI CONVERTER

If you've just invested in a large home theatre setup, you might now be thinking how you can hook up your PC to watch your large collection of media files on "the big screen". This converter box is the answer! It takes the VGA and stereo audio outputs from your PC, and converts them to now common HDMI format while maintaining full high-definition (HD) resolution. Mains adaptor included.

- Can convert analog video signals to digital HDMI signal
- Can be used as VGA to DVI converter
- Precise 10-bit A/D color conversion for best image quality
- Supports Plug-and-play function, no software installation required
- Supports high-definition output from multiple sources, such as DVD players, Satellite receivers, digital projectors, A/V receivers, and set up boxes
- Allows you to convert analog audio/video to digital format

Model	Description
CVH-01S	Component/VGA + Audio to HDMI Converter. Includes: [CVH-01 & (PS5VD1A)]

RGB2VGA Digital RGB to DVI/VGA Converter

DIGITAL RGB TO DVI/VGA CONVERTER

Older equipment such as video players, imaging hardware and audio components typically output their signals as RGB (Red, Green, Blue and the synchronization signals HSYNC and VSYNC). These component signal frequencies are generally too "slow" for modern displays such as digital monitors and flat-screen displays. The RGB2VGA converter allows these older A/V components to work with modern displays with both DVI and VGA signals.

- Output Connection: Dual VGA 15-pin, Dual VGA 12-pin
- VGA Output Supported: VGA , SVGA, XGA, HDTV
- Input Signal Auto Scan: CGA , EGA, VGA
- Input Signal Auto Scan: YCbCr/YPbPr
- (480i, 576i, 720i, 1080i, 480P, 576p, 720p, 1080p)
- Selectable Input Connection: RGBS 5-pin, RGBHV 8-pin, VGA 15-pin, Component RGB - 3AV
- Supports Output Resolution Control, Position Control and Zoom Control
- Digital 24-bit A/D Converter for True 16.7-million Color Conversion
- Supports all VGA Monitors(CRT,LCD,PDP)
- Over 70 Pre-installed Video Modes for Rapid Syncing
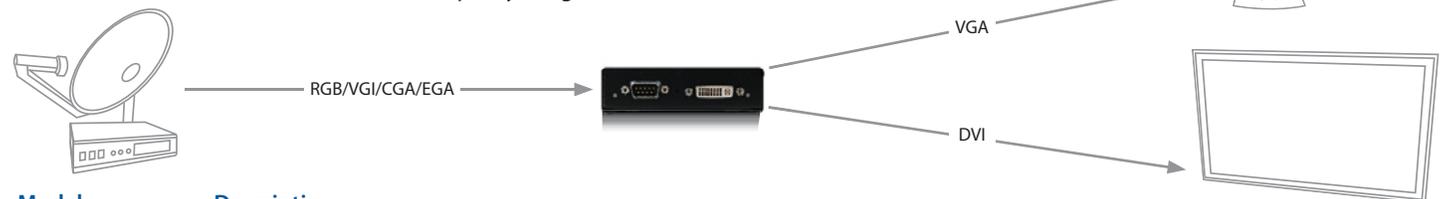
Model	Description
RGB2VGAS	Digital RGB to DVI/VGA Converter (70 RGB formats Pre-installed)

SMCVG2DVI VGA to DVI Active Converter

VGA TO DVI-D CONVERTER

The SMCVG2DVIS automatically detects the VGA input resolution and converts it to the new DVI (Digital Video Interface) video display format. If you've just invested in a large home theatre setup, you might be thinking how you can hook up your PC to watch your large collection of media files on "the big screen". This converter box is the answer! It takes the VGA output from your PC and converts it to the common DVI-D format while maintaining full high-definition (HD) resolution.

- Allows old system to connect to DVI display
- Converts analog video signals to digital DVI signal
- Highly precise 8-bit A/D conversion of each color channel, better image quality
- Ensures to send high-definition signal without signal loss
- Supports Plug-and-play function, no software installation required
- Front panel switches for better synchronization and tuning to the Display

Model	Description
SMCVG2DVIS	VGA to DVI active Converter . Includes: [CVG2DVI & (PS5VD1A)

SMCCV2DVI NTSC/PAL to VGA/DVI-D Scaler

NTSC/PAL TO VGA/DVI-D CONVERTER

The SMCCV2DVIS automatically detects the video input resolution and converts it to either VGA or the new DVI (Digital Video Interface) video display format.

- Specially designed to display video on VGA monitors, LCD color monitors
- Accepts NTSC or PAL Composite video inputs via BNC, and converts to VGA, and DVI-D output
- Supports NTSC, PAL video system
- Input video system 50 to 60Hz frame rate detection (NTSC/PAL)
- Multiple output mode enabled : 800 x 600, 1024 x 768, up to 1280*1024@60Hz
- Frequency output: 60Hz, 75Hz, 85Hz
- On screen display function: Contrast, Brightness, Color, Tint, Features, Resolution
- Built in ESD protection
- Built in video auto gain control for good quality picture

Model	Description
SMCCV2DVIS	NTSC/PAL to DVI/VGA active Converter . Includes: [CCV2DVI & (PS5VD1A)]

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

EXTENDERS

SPLITTERS

SWITCHES

FIBER OPTICS

SIGNAGE & VIDEO WALL

ACCESSORIES

SMCYPB2VGA Component Video YPbPr to VGA Converter

YPbPr TO VGA CONVERTER

The SMCYPB2VGA automatically detects the YPbPr video input resolution and converts it to VGA . It also features a 2-port switch that allows one LCD monitor to share the output of a computer and a component video device such as a DVD player. Based on the input selected, the output will be either a decoded TV or buffered PC video signal. It is capable of handling SDTV, HDTV, XGA, SXGA, and UXGA (1900x1200) video formats. It supports components ranging from LCD monitors, to set-top boxes, to projectors.

- Front panel for selection
- Converts (YPbPr) signal to RGBHV (VGA) signal.
- Enable connection for PC and DVD
- Selection of source via front panel
- Supports digital and analog audio
- Video bandwidth: component video up to 70Mhz, RGBHV up to 400Mhz.
- Supports high definition video inputs 480i, 480P, 576i, 576p, 720P, 1080i and 1080p
- RGBHV input support hi resolution up to 1900 x 1200@60Hz.
- Supports High Definition audio - Dolby Digital TrueHD and DTS-HD Master Audio

YPbPr → VGA →

| Model	Description
SMCYPB2VGA	YPbPr to VGA active Converter Includes: [CYPPB2VGA & (PS5VD1A)]

SM-LED & SM-EYE Infrared Signal Emitter & Receiver

Infrared

The SM-EYE can be used to receive infrared signals from a remote control and input them into an infrared extender. The extender can then be connected to the SM-LED which transmits the infrared signals to remote devices.

SM-LED

SM-EYE

SM-LED   HDC-IR

3,000 ft. over CAT5 →

HDC-IR
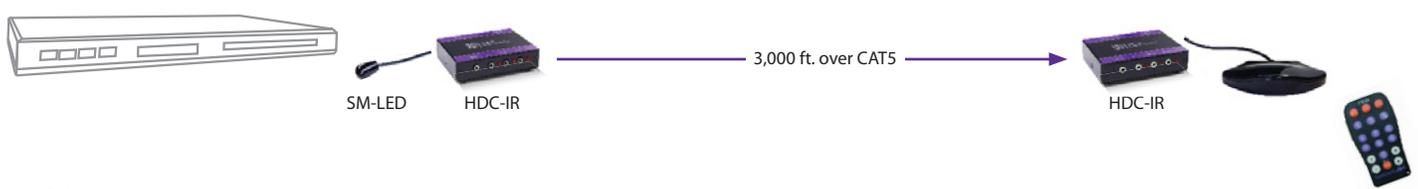
Model	Description
SM-LED	IR Emitter 6' Single LED
SM-EYE	External Infrared Receiver; IR range of 10' to 30'

ORDERING INFORMATION

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CALL US at **800-487-2243** or **818-565-0011** between 8:30 a.m. and 5:00 p.m. PST.
Fax us at **818-565-0020** or Email to **info@SmartAVI.com** at any time.
Orders will be processed during normal working hours.
Please allow at least one day turn-around time for email processing.

Once your order is received, it will be confirmed by returned e-mail. The product availability and shipping schedule will be provided at that time.

PAYMENT TERMS:

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- Credit terms- terms are established for qualified resellers based on approved credit and purchasing history.
- Certified checks, company checks (subject to prior approval).
- Wire transfer - for international customers.

SHIPPING:

Your order will be shipped to meet agreed delivery schedule via UPS. If you would like to use another carrier you would need to provide your own account number. Handling charges will be added based on the size of the order. All orders are F.O.B. Burbank, California.

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