

18.5" FULL HD CAT5 32-PORT LCD KVM OVER IP SWITCH

BRAND: - PRITECH

MODEL NO.: - PA-HT2832



OVERVIEW: -

- The 32-Port LCD KVM over IP Switch is a high-performance 1U rack-mount solution featuring an integrated 18.5-inch Full HD LCD monitor, keyboard, and touchpad. It provides centralized management of up to 32 servers while enabling secure local and remote access through an IP network.
- Supporting TCP/IP communication, the switch allows authorized users to monitor and control connected systems over a LAN, WAN, or the Internet. With a plug-and-play design, RJ-45 interfaces, and Cat5e/Cat6 cabling supporting distances of up to 100 meters, it is ideal for large-scale data centers, enterprise server rooms, network operation centers (NOC), and mission-critical IT infrastructure.

FEATURES: -

➤ HARDWARE

- Integrated 18.5-inch Full HD TFT LCD monitor with high brightness and clear image quality.
- 1U rack-mountable design for standard 19-inch server racks.
- Full-size keyboard with integrated numeric keypad.
- Built-in touchpad for convenient navigation.
- Dual power supply support for enhanced reliability.

➤ LOCAL CONSOLE

- Supports 32 directly connected computers.
- Supports 1 local user and 1 remote user simultaneously.

- Multiple switching methods via front panel buttons, hotkeys, and web-based interface.
- Compatible with VGA, DVI, HDMI, and DisplayPort servers.
- Supports Windows, Linux, Unix, macOS, Solaris, Red Hat, and Ubuntu.
- Unified multilingual interface.
- Local resolution up to 1920 × 1080 @ 60 Hz.
- Automatic mouse synchronization.
- EDID management.
- Keyboard and mouse emulation.
- Auto Scan mode.
- Hot-plug support.

➤ **REMOTE CONSOLE**

- Supports 10/100/1000 Mbps Gigabit Ethernet.
- Browser-based remote management with Windows client.
- BIOS-level remote access.
- Video streaming up to 30 FPS.
- Full-screen and scalable display modes.
- Remote resolution up to 1920 × 1080 @ 60 Hz.
- Simultaneous local and remote server access.
- AES, DES, and 3DES encryption.
- Audit logs.
- User and group permission management.
- Built-in Message Board.
- Firmware upgrade support.

TECHNICAL SPECIFICATIONS: -

PARAMETER	SPECIFICATION
Computer Connections (Direct)	32
Computer Connections (Max)	32
Port Selection	Button, UI, Web, Hotkey
LED Monitor Model	FHD TFT
LED Monitor View Area	18.47"
LED Monitor Optimum Resolution	1920×1080 @ 60Hz
LED Monitor Color	16.7M
LED Monitor Brightness	250 cd/m ² (Typ)

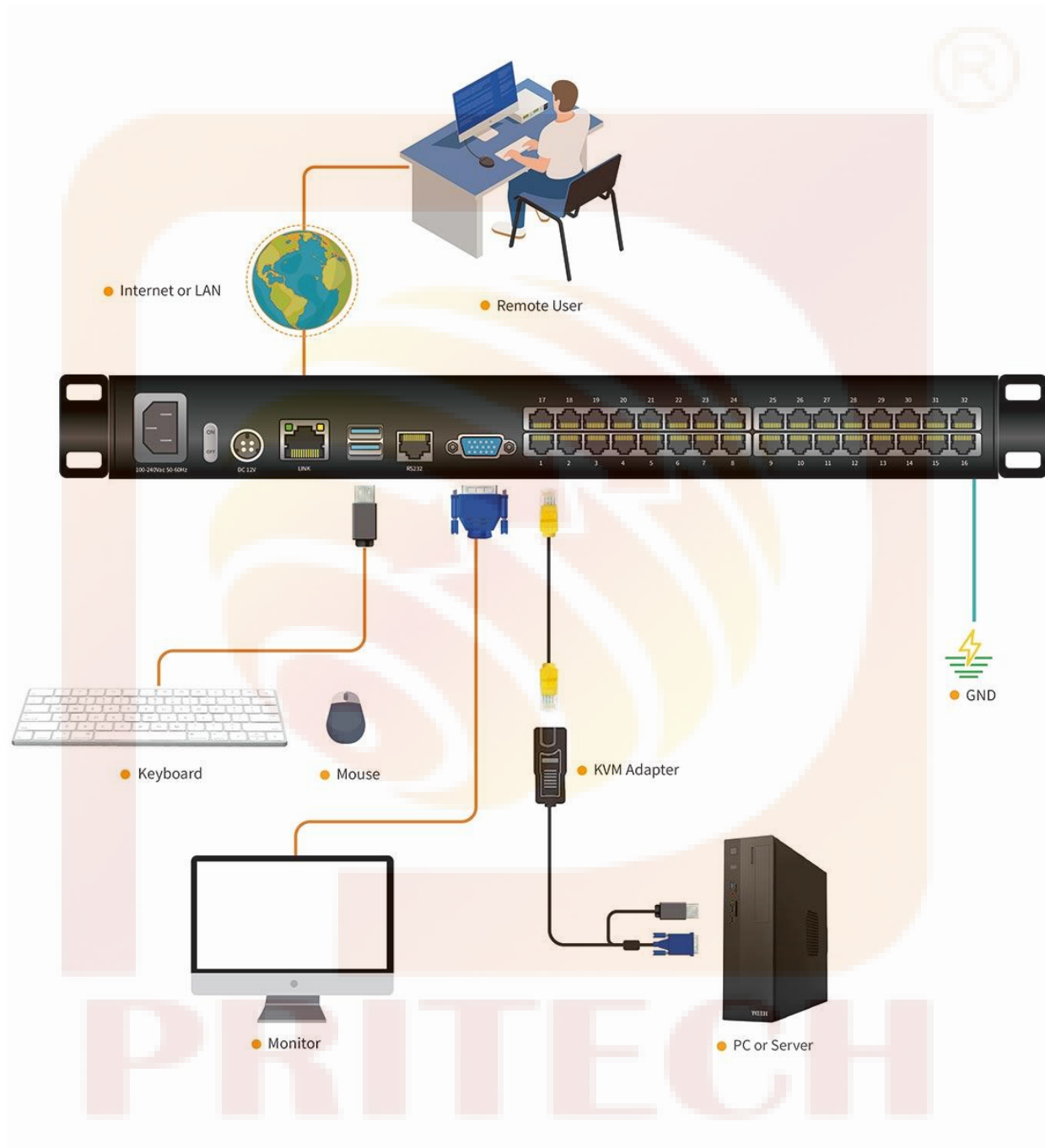
LED Monitor Contrast Ratio	1000:1 (Typ)
LED Monitor Pixel Pitch	0.213(H) × 0.213(W) mm
Mouse X/Y Resolution	>1000 points/inch (40 points/mm)
Mouse Scroll Wheel	Supports Scroll Wheel function
Keyboard	99 keys (82 keyboard + 17 number pad)
Remote Control	KVM Control
Remote Management	Web
Remote Security	DES Encrypted
Video Resolution	1920×1080 @ 60Hz
Power Input	100V–240Vac, 50–60Hz, <1.5A
Mounting Distance	686–770 mm (L=262 mm); Mounting bracket can be customized for other mounting distance
Power Consumption	39W
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Humidity	0–80% RH, non-condensing
Net Weight	12.1 kg
Product Dimension (W×D×H)	448 mm × 560 mm × 42.5 mm

APPLICATIONS: -

- Data Centers
- Enterprise Server Rooms
- Network Operations Centers (NOC)
- Security Operations Centers (SOC)
- IT Infrastructure Management
- Remote Server Administration
- Cloud & Virtualization Platforms
- Industrial Automation Systems
- Broadcast & Control Rooms
- Government & Defense Facilities
- Banking & Financial Institutions

- Healthcare & Educational Institutions
- Telecommunication Networks
- Disaster Recovery Sites
- Centralized Multi-Server Management

MECHANICAL DIAGRAM: -



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ISO 9001:2015