

## 19" RACK-MOUNT DUAL-RAIL KVM SWITCH



**BRAND: PRITECH**  
**MODEL NO.: - PA-IPKVM-1916M**

### OVERVIEW: -

The 19-inch dual-rail LED KVM switch integrates a display, keyboard, mouse, and switch control into a single compact unit. It supports local management of up to 16 servers and can be cascaded to manage up to 256 servers. The unit provides high-definition, distortion-free, noise-free, and ghosting-free video output, along with a dedicated local expansion port for connecting an external keyboard, mouse, and monitor for dual-channel management. It also supports 1000M Ethernet IP remote control. With a robust standardized rack-mount design, it is ideal for centralized server management in data centers, industrial control environments, and other professional operation and maintenance applications.

### FEATURES: -

- ✓ 19-inch TFT LED-backlit display with 1280×1024 resolution at 60/75 Hz.
- ✓ Integrated 104-key ultra-slim silent keyboard with high-sensitivity touchpad and scroll-wheel functionality.
- ✓ Front USB port for direct connection of wired or wireless keyboard and mouse.
- ✓ 16-port VGA KVM switching through OSD menu, front-panel buttons, or customizable hotkeys.
- ✓ Automatic scan function with configurable scan interval from 5–255 seconds.
- ✓ Dual-slide rail design allows independent movement of the display and keyboard/mouse console.
- ✓ Self-locking rack rails, suitable for cabinets with 800–1040 mm depth.
- ✓ Dual power input with wide-voltage automatic adaptation and low power consumption.
- ✓ Broad server compatibility with major server and industrial PC platforms.
- ✓ Multi-OS support including Windows, Linux, and other major operating systems.
- ✓ IP remote KVM management through browser and SSH access.

- ✓ Centralized user and permission management with external authentication server support.
- ✓ Security logging and SYSLOG forwarding for device switching, login/logout, and network activity.
- ✓ SNMP support for system monitoring and management.
- ✓ Centralized management software integration for KVM management.
- ✓ Multiple authentication options including USB key, RADIUS, LDAP, and TACACS+.
- ✓ Advanced security with password protection, IP access-control filtering, and 128-bit AES data encryption.

## TECHNICAL SPECIFICATIONS: -

| PARAMETER                      | SPECIFICATION                                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Controlled Devices   | 16 units                                                                                                                                          |
| Interface Type                 | USB & VGA                                                                                                                                         |
| Control Type                   | Local USB keyboard and mouse, VGA display; Remote IP control                                                                                      |
| Switching Mode                 | KVM OSD menu, hotkeys, buttons                                                                                                                    |
| Hotkey Support                 | Provides multiple hotkeys (Scroll-Lock / Caps-Lock / Num-Lock / KVM OSD)                                                                          |
| LCD Size                       | 19" TFT LED                                                                                                                                       |
| LCD Resolution                 | 1280×1024 @ 60Hz/75Hz                                                                                                                             |
| LCD Ratio                      | 16:7                                                                                                                                              |
| Maximum Color                  | 16.7M                                                                                                                                             |
| LCD Luminance                  | 280–350 nits (customizable high brightness)                                                                                                       |
| Contrast Ratio                 | 1000:1                                                                                                                                            |
| Display Visible Surface        | 376.32×301.64 ± 3 / 0.294 × 0.294 mm                                                                                                              |
| Keyboard/Mouse                 | 104-key ultra-thin silent keyboard with touchpad featuring scroll-wheel functionality                                                             |
| Power Source                   | Supports dual power sources: AC 100–240 V, 50/60 Hz, or a power adapter: 12 V, 3.33 A; built-in power supply is included by default upon shipment |
| Total Actual Power Consumption | Approx. 18 W                                                                                                                                      |
| Material and Craftsmanship     | Eco-friendly ROHS-compliant materials                                                                                                             |
| Appearance Color               | Black high-temperature spray painting, spot application process (other colors can be customized)                                                  |
| Dimensions (L × W × H)         | 598mm × 465mm × 44mm                                                                                                                              |
| Guide Rail Travel Range        | 40MM                                                                                                                                              |
| Total Unfolding Height         | 408MM                                                                                                                                             |
| Product Weight                 | Net weight: 13.50 kg; Gross weight: 18.60 kg                                                                                                      |
| Install Cabinet                | 800–1040 mm (Standard mounting lug length: 400 mm; 650 mm / 750 mm available upon request)                                                        |
| Working Temperature            | 0°C–60°C                                                                                                                                          |

**Storage Temperature**

-20°C–70°C

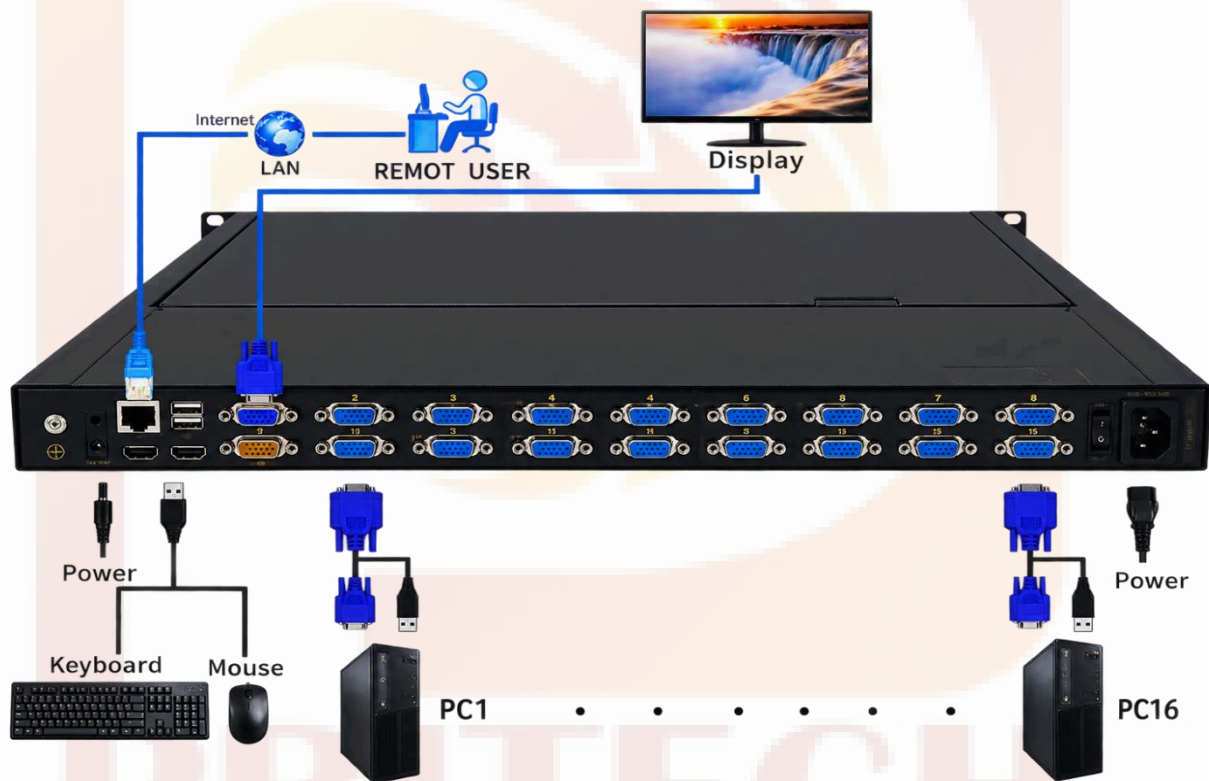
**Humidity**

0%–80% RH (no condensation)

## APPLICATIONS: -

- Data Centers
- Server Rooms
- Network Operation Centers
- Industrial Control Rooms
- IT Infrastructure Management
- Server Monitoring
- Centralized Server Management
- Security & Surveillance Systems
- Control & Automation Environments
- Enterprise IT Operations

## MECHANICAL DIAGRAM: -



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