

KL9116

1-Local/1-Remote Access
16-Port PS/2 VGA Dual Rail LCD KVM over IP Switch



The KL9116 is an IP-based KVM control unit that allows both local and remote operators to monitor and access multiple computers from multiple consoles. A single KL9116 can control up to 16 computers and can be accessed from any computer on the Net. The KL9116 features independently retractable 17" LCD monitor and keyboard with built-in touchpad. To maximize space in your data center the keyboard "hides away" when not in use, while the thin profile LCD monitor provides continuous monitoring of computers.

KL9116M: 17" LCD



Features

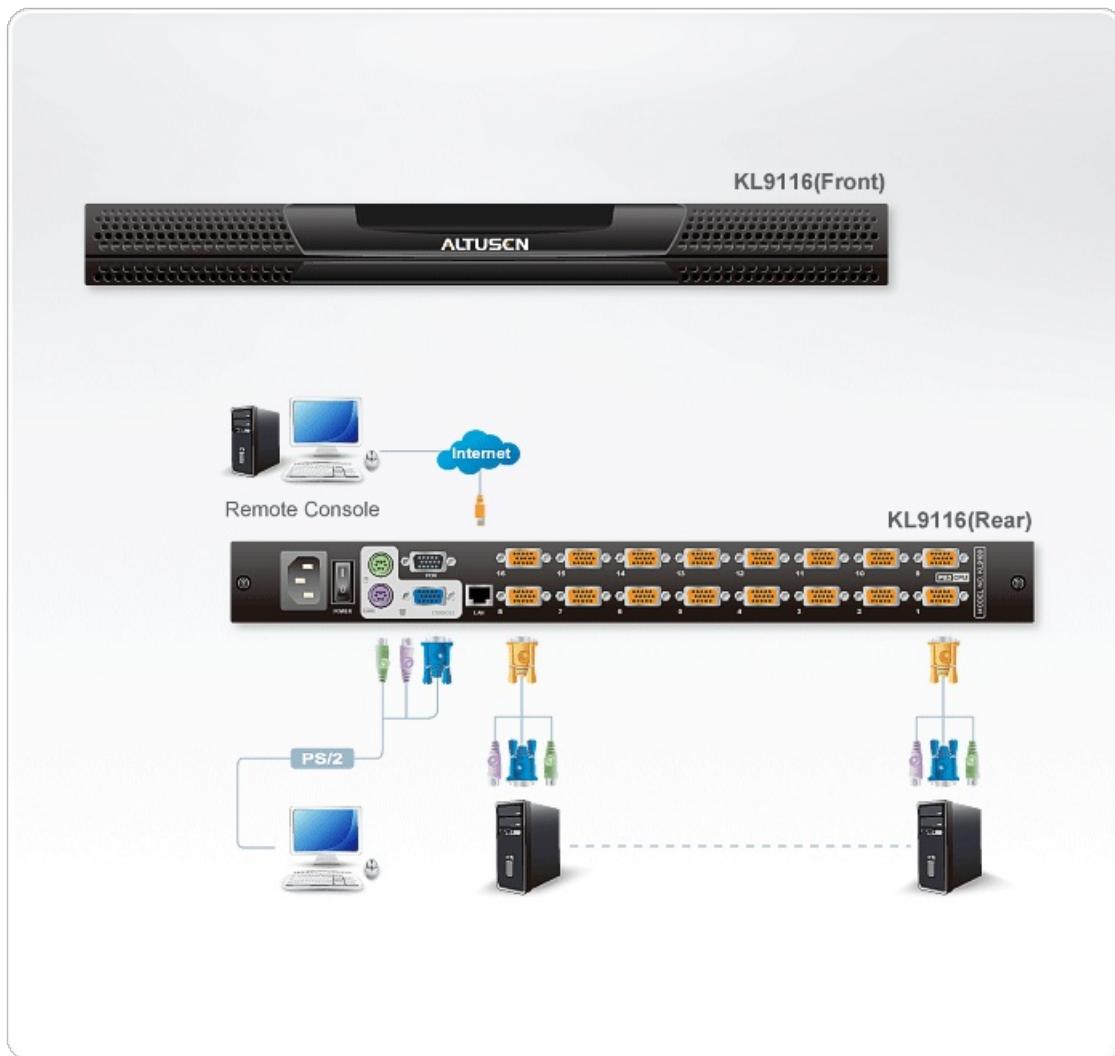
- Integrated KVM console with 17" LCD monitor in a Dual Rail housing
- Space saving technology with dual bus function support - 1 remote console (one bus) and two local consoles (one bus) control up to 16 computers
- Dual-bus - one local and one remote user can simultaneously control separate ports
- Remotely access computers via the LAN, WAN, or Internet - control your installation when and where you want
- Dual Rail housing is slightly less than 1U with top and bottom clearance for smooth operation in 1U of rack space
- Extra console port - manage computers in the LCD KVM switch from an external console (monitor, PS/2 keyboard, and PS/2 mouse)
- Supports external PS/2 mouse
- Dual Rail - LCD monitor slides independently of the keyboard/touchpad
- LCD module rotates up to 120 degrees for a more comfortable viewing angle
- Console lock - enables the console drawer to remain securely locked away in position when not in use
- Supports dedicated OSD and OSD Toolbar invocation keys
- Internet browser access, Windows Client and Java Client provided, Java Client works with all operating systems
- Graphical OSD and graphical toolbars for convenient, user-friendly operation
- Up to 64 user accounts - up to 32 concurrent remote logins
- Panel Array Mode - view all 16 ports at the same time.
- Message board feature allows logged in users to communicate with each other and allows a remote user to take exclusive control of the KVM functions
- Windows-based Log Server
- Remote power control for attached Power Over the NET™ devices
- Three level login security: Administrator, User, and Select
- Advanced security features include password protection and advanced encryption technologies - 1024 bit RSA, 256 bit AES, 56 bit DES, and 128 bit SSL
- RADIUS server support
- Ports can be set to Exclusive, Occupy and Share
- Network Interfaces: TCP/IP, HTTP, HTTPS, UDP, RADIUS, DHCP, SSL, ARP, DNS, 10Base-T/100Base-TX, auto sense, Ping
- Flash firmware upgradable over network connection
- Keyboard Language support: English(US); English(UK); German; German(Swiss); French; Spanish; Traditional Chinese; Japanese; Korean; Swedish; Italian; Russian; Hungarian; Greek
- Super A-Grade TFT LCD Panel; [Zero Dead Pixel Guarantee](#)
- Multiplatform support: Windows 2000/XP/[Vista](#), Linux, Unix and FreeBSD.
- For more information about KVMs which can connect to KL9116, see [Compatible KVM Table](#)

Specification

| Computer Connections | |
|----------------------|---|
| Direct | 16 |
| Maximum | 128 (via Cascade) |
| Port Selection | OSD, Hotkey, Pushbuttons |
| Connectors | |
| Console Ports | 1 x 6-pin Mini-DIN Female (Purple) 1 x 6-pin Mini-DIN Female (Green) 1 x HDB-15 Female (Blue) |
| KVM Ports | 16 x SPHD-15 Female (Yellow) |
| Power | 1 x IEC 60320/C14 |
| External Mouse Port | 1 x 6-pin Mini-DIN Female (Green) |
| LAN Ports | 1 x RJ-45 Female (Black) |
| PON | 1 x DB-9 Male (Black) |
| Switches | |
| Reset | 1 x Semi-recessed Pushbutton |
| Port Selection | 2 x Pushbutton |

| | |
|----------------------------|--|
| Power | 1 x Rocker |
| LCD Power | 1 x Pushbutton |
| LCD Adjustment | 4 x Pushbutton |
| LEDs | |
| Online | 16 (Green) |
| Selected | 16 (Orange) |
| Power | 1 (Blue) |
| Lock | 1 x Num Lock(Green) 1 x Caps Lock(Green) 1 x Scroll Lock(Green) |
| Link | 1 (Orange) |
| 10/100 Mbps | 1 (Orange / Green) |
| Emulation | |
| Keyboard / Mouse | PS/2 |
| Video | 1280 x 1024@75Hz; DDC2B (Local); 1600 x 1200@60Hz; DDC2B (Remote) |
| Scan Interval | 1-255 sec. |
| Maximum Input Power Rating | 100-240V AC; 50-60Hz; 1A |
| Power Consumption | 120V/31W; 230V/39W Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental | |
| Operating Temperature | 0 - 50°C |
| Storage Temperature | -20 - 60°C |
| Humidity | 0-80% RH; Non-condensing |
| Panel Spec | |
| Response time | 5 ms |
| Viewing Angle | 170° (H), 160° (V) |
| LCD Module | 17" TFT-LCD |
| Pixel Pitch | 0.264 mm x 0.264 mm |
| Support Color | 16.7M colors |
| Contrast Ratio | 1000:1 |
| Luminance | 250 cd/m ² |

| Physical Properties | |
|------------------------|---|
| Housing | Metal |
| Weight | 17.18 kg (37.84 lb) |
| Dimensions (L x W x H) | 48.20 x 70.63 x 4.40 cm (18.98 x 27.81 x 1.73 in.) |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

Diagram**ATEN International Co., Ltd.**

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