

opengear



IP-KVM

Distributed KVM over IP

Secure Remote KVM Access

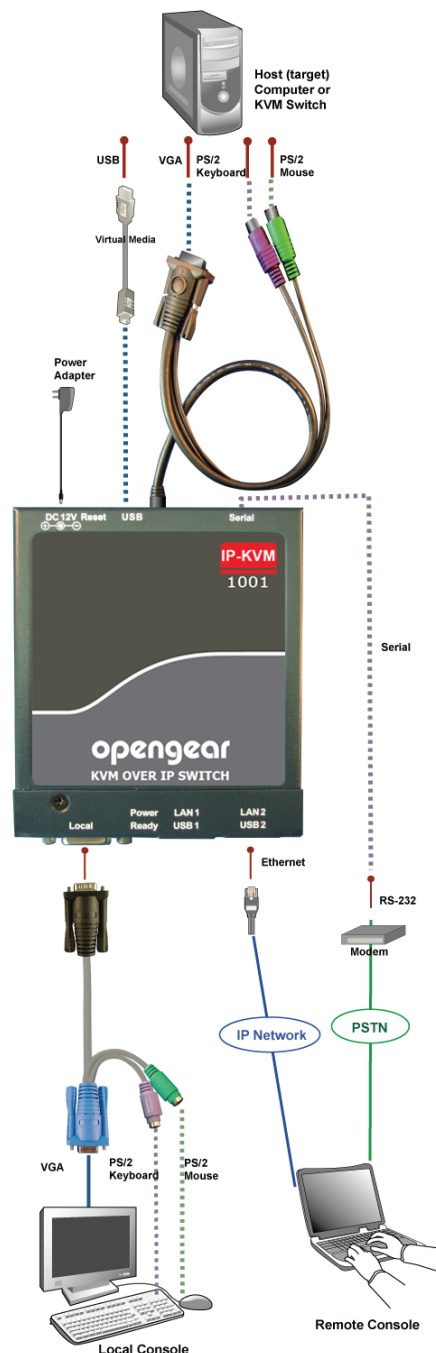
With the Opengear IP-KVM you can easily add remote KVM access to one server at a time, saving you a significant amount of money over traditional CAT5 KVM switches. With our solution, you can maintain uptime and avoid single point of failure that is common with multi-port KVM over IP solutions.

The Opengear IP-KVM remote access device includes a built-in web interface that provides encrypted, browser based access to existing KVM switches and servers at a low cost. This gives you the freedom to IP enable existing IT assets.

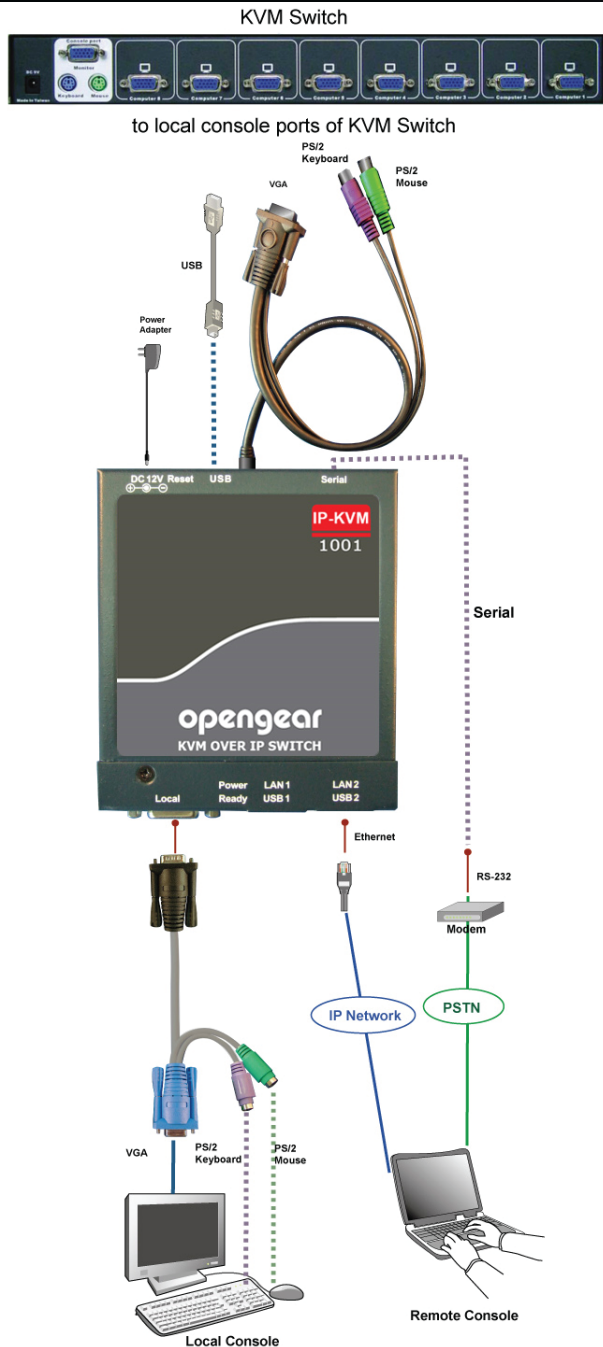
Compare IP-KVM to other vendors and you will find support for either USB or PS2 connections and remote connections only. We offer both USB and PS2 on the same unit for the server interface and local KVM interface. Our IP-KVM solution retains local access while providing secure remote connectivity at the same time. This makes us the most flexible and scalable one port KVM-IP device on the market today.

Quick Facts:

- Dual 10/100 Ethernet
- Local and Remote KVM access to servers
- Encrypted BIOS-level control of systems via IP
- Distributed solution with strong authentication
- Small footprint, ships with rack mount tabs
- Daisy chain multiple units for unparalleled scalability
- Virtual Media support
- Serial Console port for OOB Modem or serial console
- Secure browser access, no client software to load
- Both USB and PS2 connectors in the same box
- IP Enable existing KVM switches and servers



IP-KVM



Applications for IP-KVM

Distributed Offices
Datacenters
Colocations
Branch facilities
Wiring Closets
Laboratories
Military
Industrial
Point of Sale
Utilities

Government Agency
Hospitals
Medical Devices
Schools
Kiosks
Factories
Campus
Disaster Recovery
Clusters
And much more..

Connectors

- 2 x RJ-45 10/100 UTP Ethernet (HUB)
- 2 x USB Host Connectors (Keyboard, mouse)
- 1 x HD-15 – for local KVM - 3 in 1 cable 11" (28 cm)
- 1 x Integrated 3 in 1 KVM cable to host server 22.5" (57 cm)
- 1 x mini USB device connector (virtual media) and device cable
- 1 x RJ-45 RS232 Connector (with PC DB-9 adapter cable)
- 1 x DC Jack for +12V DC input power
- 1 x Reset Button
- 1 x Rack Mounting Adapter Plate

Power

- 1 x AC (110 -240V) input to +12V DC (1 amp) external power adapter (detachable regional plug)

Security

- AES 256-bit encryption for all transmitted data
- RSA 1024-bit encryption for authentication
- SSHv2

Protocols

- TCP, IP, ARP, ICMP, HTTP/HTTPS, SSL, Telnet, DHCP, PPP, SMTP, NTP, DDNS

Authentication

- SSL / Certificate, RADIUS, LDAP

Video Resolution

- up to 2048 x 1536 @60Hz (Local Console)
- up to 1600 x 1200 @60Hz (Remote Console)

Virtual Media

- Floppy/CD/DVD/USB/HD drive redirection
- Floppy/CD/DVD/ISO Image redirection
- LED Indicators 2x LEDs: Power (red), Ready (green)

Dimensions

- Unit - 4" x 3.5" x 1 1/8" (10.2 x 8.8 x 2.8 cm)

Environmental

- Ambient operating temperature: 5°C to 50°C (41°F to 122°F)
- Non operating storage temperature: -30°C to +60°C (-20°F to +140°F)
- Humidity: 5% to 90%

Regulatory

- FCC Part 15 A
- CE (EN55022 A, EN55024, EN60950)
- UL 1950
- TUV
- C-Tick
- RoHS compliant

CPU

- ARM V4 RISC based System on Chip
- with encryption controller Video Sampling Controller ASIC

Operating System

- Embedded Linux

Part Numbers:

Ordering for North America	IP-KVM-1001-US
Ordering for EU	IP-KVM-1001-EU
Ordering for AU	IP-KVM-1001-AU
Ordering for UK	IP-KVM-1001-UK