

# CENTERCADE KVM SWITCH

## KEY FEATURES

- Combination eight- or 16-port keyboard, video and mouse (KVM) switch
- Access up to 16 computers using a standalone CenterCade KVM Switch
- Supports expansion for accessing up to 256 computers using additional CenterCade KVM Switches
- Switch between computers with an intuitive, on-screen menu or keyboard hotkeys
- Active port monitoring using multiple processors assures availability of computer KVM signals
- Includes an external keyboard, video and mouse connections; view computers from a separate rack-mount console or your desk
- The two-user model includes a second set of external keyboard, video and mouse connections and allows two users to simultaneously view different ports on the same switch
- Small-diameter KVM Signal Cables use less space in cable managers
- Auto-switching power supply allows international use

## APPLICATIONS

- The CenterCade KVM Switch provides access for up to 16 computers from a single external keyboard, monitor and mouse with expansion support for up to 256 computers using additional KVM switches.

## USE WITH

- CPI Cabinet Systems
- CPI Rack Systems
- CenterView KVM Console
- CenterPoint™ KVM Switch/Console

## RELATED ACCESSORIES

- Electronic Locking System
- Remote Infrastructure Management (RIM-600) System

Access up to 16 computers from an external keyboard, monitor and mouse or KVM console



Rack-mount KVM switch uses only 1 RMU of space

The CenterCade KVM Switch is an eight- or 16-port keyboard, video, mouse (KVM) switch that uses only 1 RMU of space in 19"W EIA rack, cabinet or enclosure systems. Use the CenterCade KVM Switch as a standalone KVM switch or as an expansion unit to another CenterCade KVM Switch or a CenterPoint KVM Switch/Console.

The KVM switch provides password protection for added security and supplies active port monitoring to assure the availability of computer KVM signals. The KVM switch allows users to easily transfer between computers with an intuitive on-screen menu or keyboard hotkeys. In addition, each port can be named with the computer name, simplifying equipment identification. Choose from both one-user and two-user CenterCade KVM Switch models. The one-user model has a single set of connections for external rack-mount peripherals or a CenterView KVM Console. The two-user model includes a second set of keyboard, monitor and mouse connections and allows two users to simultaneously view different ports on the same switch.

Connect the CenterCade KVM Switch to each computer with a KVM Signal Cable or expand the number of ports by connecting another CenterCade KVM Switch. The KVM Signal Cables have a HD15 connector on the switch end and a VGA 15-pin video connector, a PS/2 keyboard connector and a PS/2 mouse connector on the computer end. The CenterCade KVM Switch is compatible with a SUN or USB keyboard and mouse when an accessory PS/2-to-Sun Converter or PS/2-to-USB Converter is used in-line with the signal cable and the computer.

The CenterCade KVM Switch is part of a complete standalone analog KVM switch solution that includes CenterPoint™ KVM Switch/Console, CenterCade KVM Switch and CenterView KVM Console.

See reverse for product selection. Contact CPI Technical Support for configuration assistance. The Technical Support Team assists customers and partners to solve IT infrastructure problems in a timely and accurate manner by understanding their requirements and creating practical and suitable CPI Solutions.



**SPECIFICATIONS**

- Combination eight- or 16-port keyboard, video and monitor (KVM) switch
- For indoor use only, in environmentally controlled areas; may not be used outdoors, in harsh environments or in air-handling spaces
- Size: 19"W x 1 RMU x 7.6"D (193 mm)
- Eight- or 16-port KVM switch
- Supports Video Screen Resolutions:
  - XGA 1024 x 768
  - SVGA 800 x 600
  - VGA 640 x 480
- Supports PS/2 keyboard and mouse
- Compatible with Windows 98 and higher, Linux and Solaris
- One-user model allows one user to view connected computers using an external console or through another switch when used as an expansion unit
- Two-user model allows two users to view different computers using two external consoles or through another switch when used as an expansion unit
- Input Connectors:
  - (8) or (16) HD15 KVM signal ports, for connection to computers
  - (1) DB9 (RS232) control port, for firmware upgrades
- Output Connectors:
  - (1) VGA 15-pin video port, for external monitor
  - (1) PS/2 keyboard port, for external keyboard
  - (1) PS/2 mouse port, for external mouse
  - A second set of connectors is on the front side of the 2-user model only
- Input/Output KVM Signals:
  - RGB analog video, PS/2 keyboard and mouse
  - Use Converter with USB or SUN keyboard and mouse
- Electrical:
  - Power Input: single-phase, 100 to 240 VAC, 50/60 Hz
  - Power Consumption: 0.5 Amp at 240 VAC, up to 1.0 Amp at 100 VAC
  - Power Inlet: (1) IEC60320 C-14
- Bonding/Grounding:
  - Grounded power plug
- Operating Conditions:
  - Temperature: 32 – 104°F (0 – 40°C)
  - Relative Humidity: 10% – 90%, non-condensing
  - Elevation: 0 – 10,000 feet (0 – 3048 meters)
  - Audible Noise: 60 dbA
  - Heat Dissipation: 30 BTU/hr maximum
- Storage/Non-Operating Conditions:
  - Temperature: -4 – 140°F (-20 – 60°C)
  - Relative Humidity: 5% – 95%, non-condensing
  - Elevation: 0 – 30,000 feet (0 – 9144 meters)
- Includes two-post rack/cabinet mounting brackets
- Included Cables:
  - (1) 6'L (1.8 m) IEC60320 C-13 to NEMA 5-15P power cord
  - Order KVM Signal Cables separately; order one cable per computer
- Finish: Black only

**ORDERING INFORMATION**

CenterCade KVM Switch with AC Power Supply		
Part Number	Description	Shipping Weight
35930-801	1-user, 8-port KVM Switch, 19"W x 1 RMU, Black	7 lb (3.2 kg)
35930-161	1-user, 16-port KVM Switch, 19"W x 1 RMU, Black	7 lb (3.2 kg)
35930-802	2-user, 8-port KVM Switch, 19"W x 1 RMU, Black	7 lb (3.2 kg)
35930-162	2-user, 16-port KVM Switch, 19"W x 1 RMU, Black	7 lb (3.2 kg)

*Note: Order one KVM Signal Cable per connected computer (see Accessories below). The two-user model allows two users to simultaneously access different ports on the switch. The one-user model has one set of connections for an external console; the two-user model has two sets of connections for external consoles. These connections are used to attach the switch to another switch to expand the number of ports in the system or to access computers using a CenterView KVM Console, a separate set of peripherals or a networked computer (requires a web browser and the KVM IP Dongle).*

**ACCESSORIES**

**KVM Signal Cable**

The KVM Signal Cable is used to connect the CenterCade KVM Switch to an individual computer or another CenterCade KVM Switch.

- KVM Signal Cables have a HD15 connector on the switch end and a VGA 15-pin video connector, a PS/2 keyboard connector and a PS/2 mouse connector on the computer end
- Order one KVM Signal Cable per computer; select the length as required
- Add converters to make a connection to a USB or SUN keyboard or mouse
- When connecting a CenterCade KVM Switch to expand the number of ports, order one KVM Signal Cable for one-user switches (uses one port on CenterCade KVM Switch) and two KVM Signal Cables for two-user switches (uses two ports on CenterCade KVM Switch)



Part Number	Description	Shipping Weight
35941-006	KVM Signal Cable, PS/2, 6'L (1.8 m)	2 lb (0.9 kg)
35941-009	KVM Signal Cable, PS/2, 9'L (2.7 m)	2 lb (0.9 kg)
35941-012	KVM Signal Cable, PS/2, 12'L (3.7 m)	2 lb (0.9 kg)
35941-020	KVM Signal Cable, PS/2, 20'L (6.1 m)	2 lb (0.9 kg)

**Converter for KVM Signal Cable**

Use to convert the PS/2 connections on the computer end of a KVM Signal Cable when making connections to a USB or legacy SUN keyboard and mouse.

- Add a PS/2-to-USB Converter to the KVM Signal Cable if the computer has USB keyboard or mouse connections
- Add a Sun-to-PS/2 Converter to the KVM Signal Cable when connecting to older models of SUN computers with 13W3 video connector and 8-pin keyboard connectors; newer models of SUN computers have USB keyboard and mouse connections



Part Number	Description	Shipping Weight
35941-121	PS/2 to USB Converter for USB Mouse and Keyboard	2 lb (0.9 kg)
35941-123	PS/2 to SUN Converter for 13W3 Video and Keyboard	2 lb (0.9 kg)

**Extension Cable for KVM Signal Cable**

The KVM Signal Extension Cable is used to add length to a KVM Signal Cable. It attaches between the KVM Signal Cable and the device.

- The KVM Signal Extension Cable is 12'L (3.7 m) with a HD15 connector, a PS/2 keyboard connector and a PS/2 mouse connector on each end.



Part Number	Description	Shipping Weight
35941-112	Extension Cable, 12'L (3.7 m)	2 lb (0.9 kg)

**KVM IP Dongle**

The KVM IP Dongle lets you access the CenterCade KVM Switch using a web browser from your computer.

- The KVM IP Dongle attaches to the external keyboard, video and mouse connections on the CenterCade KVM Switch and has a single 10/100 Mbps RJ45 Ethernet connection for your network
- It provides an IP address for the KVM switch allowing you to access the switch using Internet Explorer 6.0 or higher



Part Number	Description	Shipping Weight
35901-300	(1) VGA + (2) PS/2-to-RJ45	2 lb (0.9 kg)

