

LCD/KVM CONSOLE



KEY FEATURES

- Includes a 19" EIA rack-mount shelf with a 15", 17" or 19" LCD display and a 106 key keyboard with a touch pad; uses only 1 RMU of rack-mount space
- Connects to one, eight or 16 computers; multi-computer units include a keyboard/video/mouse (KVM) switch
- Dual slides allow the LCD display and keyboard tray to open separately; the slides also lock in the closed position
- Includes an internal universal power supply with an IEC 320 connector for international use; includes a power cord with a NEMA 5-15P plug

APPLICATIONS

- Provides convenient at-the-rack access to one, eight or 16 computers from a single set of rack-mount peripherals that use only 1 RMU of rack-mount space

USE WITH

- CPI Cabinet Systems
- CPI Four-Post Rack Systems

RELATED ACCESSORIES

- Remote Infrastructure Management (RIM-600) System
- Electronic Locking System for CPI Cabinet Systems



Rack-Mount

Provides single set of rack-mount peripherals for multiple computers



Dual Slides

Open the LCD Panel and keyboard separately



The LCD/KVM Console is a convenient set of rack-mount peripherals that use only 1 RMU of rack-mount space and can connect to one, eight or 16 computers. Choose from a 15", 17" or 19" LCD display panel and a keyboard tray with a built-in touch pad. Multi-computer units also include a keyboard/video/mouse (KVM) switch.

The LCD display and keyboard tray open independently, while the monitor folds up for easy viewing and is protected by a tempered glass panel. The 106 key keyboard includes a built-in touch pad – no mouse is required. An on-screen display menu and password protection is featured in the KVM switch. Search for computers by computer name or by using hot key controls including auto scan.

In addition, the KVM switch connects to computers with PS/2 or USB keyboard and mouse connections with signal cables and supports DOS, Windows (98, 98SE, ME, 2000, XP, NT), HP Unix, Linux, Novel 3.12-6 and SUN operating systems. Full keyboard and mouse emulation allow for simultaneous system boot-up and you can add or remove computers with PS/2 or USB keyboard and mouse connections without powering down the KVM or the computers.

Use the LCD/KVM Console for easy access to computers at the rack. See page 2 for product details. Contact CPI Technical Support for configuration assistance.



SPECIFICATIONS

- Provides a single set of rack-mount peripherals that can be shared by one, eight or 16 computers
- For indoor use only, in environmentally controlled areas; may not be used outdoors, in harsh environments or in air-handling spaces
- Includes a rack-mount shelf, LCD panel and keyboard with touch pad; multi-computer units also include a keyboard/video/mouse (KVM) switch
- Rack-mountable, 19"EIA x 1 RMU; requires 4-post support
- Dual slides – open the LCD panel and keyboard separately
- Durable steel shelf construction with tempered glass on LCD panel
- Hidden handle on keyboard tray; trays lock in the closed position
- Dimensions: see order table

15" LCD Panel:

- Active Matrix TFT LCD
- Max. Resolution: 1024 x 768 (XGA)
- Pixel Pitch: 0.297 mm x 0.297 mm
- Viewing Angle (CR>10):
 - Right-Left View: 130° (Typ.)
 - Up-Down View: 100° (Typ.)
- Contrast Ratio: 400:1
- Brightness: White 250cd/m² (Center 1 point Typ.)
- Backlight: Dual Lamps
- Supported Colors: 16M (6-bit with FRC)
- Sync 45–80kHz
- Rising Time: 5ms
- Decay Time: 11ms

17" LCD Panel:

- Active Matrix TFT LCD
- Max. Resolution: 1280 x 1024 (SXGA)
- Supports SUN native resolution
- Pixel Pitch: 0.264 mm x 0.264 mm
- Viewing Angle (CR>10):
 - Right-Left View: 60°–70° (Typ.)
 - Up-Down View: 45°–60° (Typ.)
- Contrast Ratio: 450:1
- Brightness: White 250cd/m² (Center 1 point Typ.)
- Backlight: Four Lamps
- Supported Colors: 16.2M (6-bit with FRC)
- Sync: 45–80kHz
- Rising Time: 2ms
- Decay Time: 14ms

19" LCD Panel:

- Active Matrix TFT LCD
- Max. Resolution: 1280 x 1024 (SXGA)
- Supports SUN native resolution
- Pixel Pitch: 0.098 mm x 0.294 mm
- Viewing Angle (CR>10):
 - Right-Left View: 140° (Typ.)
 - Up-Down View: 140° (Typ.)
- Contrast Ratio: 500:1
- Brightness: White 250cd/m² (Center 1 point Typ.)
- Backlight: Four Lamps
- Supported Colors: 16.2M (6-bit with FRC)
- Sync: 45–80 kHz
- Rising Time: 2ms
- Decay Time: 10ms

Keyboard:

- Type: 106 key PS/2 keyboard with touch pad
- Supported Languages (17): English (US/UK), German, French, Spanish, Italian, Portuguese, Dutch, Swiss, Belgium, Swedish, Norwegian, Danish, Japanese, Mandarin, Russian and Hebrew

1-Port LCD Consoles (No KVM Switch):

- Single port consoles connect directly to the computer
- Input Connectors: 1 VGA; 2 PS/2; 1 USB
- Signal Cables (included):
 - 1 VGA+2xPS/2-to-VGA+2PS/2, 6'L (1.8 m)
 - 1 USB-to-USB, 6'L (1.8 m)

8-Port/16-Port LCD/KVM Consoles (Includes KVM Switch):

- Multi-port consoles have KVM switches with eight or 16 computer connections and one expansion connector for optional KVM expansion modules
- Computers connect with breakout signal cables; expansion modules connect in series with expansion cables
- Expansion Connector: 1 VGA (HDDB,15-pin) female connector (Contact CPI Technical Support about KVM expansion units)
- Input Connectors: 8 or 16 VGA (HDDB,15-pin) female connectors
- Supports PS/2 and USB computer keyboard and mouse connections with appropriate system cable
- System Cables (two styles):
 - VGA-to-VGA with two PS/2 connectors
 - VGA-to-VGA with one USB connector
- Mouse and Keyboard Emulation: PS/2 or USB
- Supports Dos, Windows (3.1, 9x, 2000, NT4, ME, XP, 2003 Server), Linux, Novell 3.12-6, HP UX and SUN operating systems
- Password protected access; eight user passwords with individual computer access control lists
- Switch between systems with hot keys or on-screen menu, no software required
- Scan function with programmable interval (5–99 seconds)
- Eight OSD Languages; English, French, German, Spanish, Italian, Russian, Japanese and Chinese

Power Requirement:

- 100-240 VAC, 50-60 Hz
- Power Connection: 1 IEC 320, C-14
- Includes an IEC-320, C-13 to NEMA 5-15P cord, 6'L (1.8 m)

Power Consumption:

- 15" LCD – 16W, 10.41W for LCD Panel
- 17" LCD – 25W, 19.05W for LCD Panel
- 19" LCD – 25W, 21.05W for LCD Panel

Environmental Requirements:

- Operating Temperature: 32°F ~ 122°F (0 ~ 50°C)
- Storage Temperature: -4°F ~ 140°F (-20°C ~ 60°C)
- Humidity: 10% ~ 90% RH

Other:

- Material: Steel
- Color: Black
- Certifications: ROHS, CE/FCC, UL/CUL/C-Tick



LCD/KVM ships and installs flat

ORDERING INFORMATION

1 Port LCD Consoles (No KVM Switch)		
Part Number	Description	Shipping Weight
13715-301	15" LCD, 19"W x 1 RMU x 19.1"D (485 mm), Black	38 lb (17.2 kg)
13717-301	17" LCD, 19"W x 1 RMU x 19.1"D (485 mm), Black	38 lb (17.2 kg)
13719-301	19" LCD, 19"W x 1 RMU x 21.5"D (546 mm), Black	40 lb (18.1 kg)

Notes: Includes an LCD panel, a keyboard with touch pad, (1) VGA + 2xPS/2 signal cable and (1) USB cable. 15" and 17" LCD models attach to rails spaced 26.8" to 32.8" (681 mm - 835 mm) apart; 19" LCD models attach to rails spaced 29.2" to 35.3" (742 mm - 897 mm) apart.

137	8 and 16 Port LCD/KVM Consoles (Includes KVM Switch)
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	LCD Size	Unit Size	Rail Depth Range	Shipping Weight
15	15"	19"W x 1 RMU x 23.8"D (605 mm)	23.1" - 32.0" (589 mm - 815 mm)	39 - 48 lb (17.7 - 21.8 kg)
17	17"	19"W x 1 RMU x 23.8"D (605 mm)	23.1" - 32.0" (589 mm - 815 mm)	39 - 48 lb (17.7 - 21.8 kg)
19	19"	19"W x 1 RMU x 26.2"D (665 mm)	25.6" - 34.5" (651 mm - 877 mm)	39 - 48 lb (17.7 - 21.8 kg)

Includes Cables	
0	None (select this option if ordering various length cables from page 4)
1	6' PS2/VGA Cables, 8 or 16 cables based on KVM port selected
2	6' USB/VGA Cables, 8 or 16 cables based on KVM port selected

KVM Ports	
08	8
16	16

137	XX	-	X	XX
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Note: LCD/KVM Console is only available in black.



LCD/KVM front in open position



LCD/KVM rear view

ACCESSORIES

1-Port LCD Console Signal Cables

Connect a computer to a single port LCD Console. Use only with LCD Consoles that do not have a KVM switch.

- One 6'L (1.8 m) VGA+2xPS2 and one USB cable are included with each single port LCD Console; the cables listed below are replacement cables
- The PS/2 signal cable is a combo cable with one VGA and two PS/2 connectors on each end; it is used to connect the panel and a PS/2 keyboard and mouse
- The USB cable has one USB connector on each end; it is used to connect a USB style keyboard and mouse (use the PS/2 signal cable to connect the panel)
- Cables are sold individually

1 Port LCD Console Signal Cables		
Part Number	Description	Shipping Weight
13714-306	Console Signal Cable, PS/2, 6'L (1.8 m)	1 lb (0.5 kg)
13714-310	Console Signal Cable, PS/2, 10'L (3.0 m)	2 lb (0.9 kg)
13714-315	Console Signal Cable, PS/2, 15'L (4.6 m)	2 lb (0.9 kg)
13714-406	USB Cable, 6'L (1.8 m)	1 lb (0.5 kg)
13714-410	USB Cable, 10'L (3.0 m)	2 lb (0.9 kg)
13714-415	USB Cable, 15'L (4.6 m)	2 lb (0.9 kg)

Use the cables in this table to connect a single port LCD Console to a computer.

8/16-Port LCD/KVM Console Signal Cables

Connect computers to the KVM switch on LCD/KVM Console. Use only with LCD/KVM Consoles that have a KVM switch.

- Some LCD/KVM Consoles include 6'L (1.8 m) PS/2 or USB cables
- The PS/2 signal cable has a VGA connector on the Console/KVM end and one VGA with two PS/2 connectors on the computer end
- The USB signal cable has a VGA connector on the Console/KVM end and one VGA with one USB connector on the computer end
- Cables are sold individually; order one cable per computer (KVM port)



USB Cable



PS/2 Cable

8/16-Port LCD/KVM Console Signal Cables		
Part Number	Description	Shipping Weight
13714-106	KVM Signal Cable, PS/2, 6'L (1.8 m)	1 lb (0.5 kg)
13714-110	KVM Signal Cable, PS/2, 10'L (3.0 m)	2 lb (0.9 kg)
13714-115	KVM Signal Cable, PS/2, 15'L (4.6 m)	2 lb (0.9 kg)
13714-206	KVM Signal Cable, USB, 6'L (1.8 m)	1 lb (0.5 kg)
13714-210	KVM Signal Cable, USB, 10'L (3.0 m)	2 lb (0.9 kg)
13714-215	KVM Signal Cable, USB, 15'L (4.6 m)	2 lb (0.9 kg)

Use the cables in this table to connect an 8-port or 16-port LCD/KVM Console to computers.

