



Scalable 1U 15" / 17" / 19" (4:3) / 19" wide format KVM LCD console

Supplied as a 1U Rack Console with single port KVM, its scalable design enables you to easily scale a solution with modular KVMs by simply adding KVM ports with few screws yet still maintains a low-profile 1RU console. Optional 18 models of KVM switches (8/16/32 ports) are available, expandable up to 8 levels.

Dual Rail	15/17/19 TFT LCD	18 Various Keyboard	Modular Design KVM Switch	8/16/32 Ports KVM Switch	SUN Microsystems
PS/2 USB Interface	ROHS Compliant				

Benefits

1. Easy maintenance: If malfunction is caused by optional KVM switch integrated with rack console, you can simply replace the detachable modular KVM switch and/or send modular KVM switch to service depot for repair. No need to remove the whole console from your system.
2. Allow future expansion with ease and at much lower cost as you only need to add/or replace KVM module to the LCD console. It also helps to keep our planet green because you can keep using the same LCD console.
3. The Dual Rail Design keeps the monitor open even when keyboard is withdrawn to closed position. Perfect for viewing data 24/7 securely with Server Rack Door closed



Dual Rail Technology

- Independent sliding rails for LCD panel and keyboard drawer
- Monitoring under enclosed environment for safety and security

Feature

1. Dual Rail design enables separate movements of Monitor and Keyboard.
2. LCD screen protected by tempered glass
3. Supports SUN native solution, optional SUN Hot Keys available
4. OSD function for LCD display and KVM switch
5. Front key lock for extra security
6. Slide-in rail design. Easy to install by just one person
7. Easy to add modular KVM module and DUAL IP CAT5 KVM module
8. Monitor Auto Shut off in closed position
9. Optional Modular KVM, DVI, HDMI, USB 2-port Hub at front panel, Touch screen, Audio function, DC Power, Cherry Trackball keyboard
10. TAA Compliant

Modular KVM Design

- Scalable solution
- UP to 32 ports
- Integrate 18 models of KVM switches in 1U form factor to optimize space limitation



Remote Access

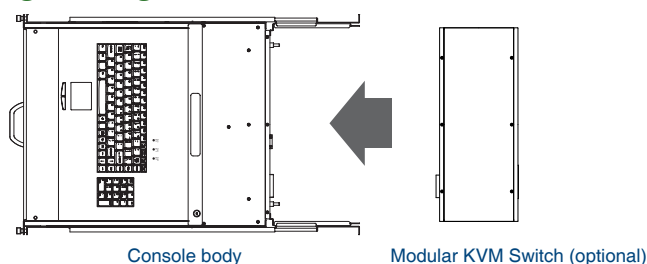
- Up to 32 port CAT5 KVM switches
- IP KVM switches
- Combo free KVM switches
- Expand to dual Console using IP module or CAT5 module
- KVM switches upgradable to dual access console

Multi-platform Support

- The LCD console support multi-platforms: PC, MAC and SUN micro system. It can cross platform to control different interface
- No software required
- Select PCs using OSD and Hotkeys



Usage Diagram



15" / 17" / 19"(4:3) / 19" wide format Specification

Model Name	LCD1U15-19	LCD1U17-34	LCD1U19-25	LCD1U19-27
Dimension	459.6 x 448.3 x 44 mm (18.1 x 17.6 x 1.7 inches)	459.6 x 448.3 x 44 mm (18.1 x 17.6 x 1.7 inches)	539.6 x 448.3 x 44 mm (21.2 x 17.6 x 1.7 inches)	539.6 x 448.3 x 44 mm (21.2 x 17.6 x 1.7 inches)
Net Weight	12.0 Kg / 26.5 lbs	13.0 Kg / 28.7 lbs	14.0 Kg / 30.9 lbs	14.0 Kg / 30.9 lbs
Display Size	15 inches	17 inches	19 inches	19 inches
Panel Type	Active Matrix TFT LCD	Active Matrix TFT LCD	Active Matrix TFT LCD	Active Matrix TFT LCD
Resolution Capabilities	Max. up to 1024 x 768 (XGA)	Max. up to 1280 x 1024 (SXGA)	Max. up to 1280 x 1024 (SXGA)	Max. up to 1440 x 900 (WXGA)
Pixel Pitch	Supports 0.297 mm x 0.297 mm	Supports 0.264 mm x 0.264 mm	Supports 0.294 mm x 0.294 mm	Supports 0.283 mm x 0.283 mm
Viewing Angle (CR>10)	Right-Left View 130° (Typ) Up-Down View 100° (Typ)	Right-Left View 170° (Typ) Up-Down View 160° (Typ)	Right-Left View 170° (Typ) Up-Down View 160° (Typ)	Right-Left View 90° (Typ) Up-Down View 65° (Typ)
Contrast Ratio	400 : 1	1000 : 1	1000 : 1	700 : 1
Brightness	White 250 cd/m ²	White 250 cd/m ²	White 250 cd/m ²	White 200 cd/m ²
Back Light	Dual Lamps for Back Light	Dual Lamps for Back Light	Dual Lamps for Back Light	Dual Lamps for Back Light
Supported Colors	16M Colors (6-bit with FRC)	16.7M Colors (6-bit with FRC)	16.7M Colors (6-bit with FRC)	16.7M Colors (6-bit with FRC)
Response Time	Rising Time 5 ms Decay Time 11 ms	Rising Time 3.8 ms Decay Time 1.2 ms	Rising Time 3.6 ms Decay Time 1.4 ms	Rising Time 1.2 ms Decay Time 3.8 ms
Power Consumption	16W, 10.41W for Panel	9.91 W	11.03 W	
Signal Connections	1			
Connectors	1 x VGA HDDB-15 pin 2 x PS/2 Mini Din 6 pin, 1 x USB, 1 x PS/2-USB switch, 1 x DC Jack, 1 x RR 36 pin socket for modular KVM switch			
Power Source	100 ~ 240 VAC input			
Sync	45 ~ 80 KHz			
Keyboard Mouse	106 key PS/2 keyboard with touch pad			
Multi Platform	Support PS/2 and USB			
System Cables	VGA + PS/2 x 2 cable or VGA + USB x 1 cable			
Operating System	Dos, Unix, Linux, OSX, Windows (XP, 7, 8, Server 2012 R2)			
Temperature	Operate 0 ~ 50 °C / 32 ~ 122 °F, Storage -20 ~ 60 °C / -4 ~ 140 °F			
Humidity	10% ~ 90% RH			
Chassis Construction	Heavy duty steel materials			
Keyboard Language	US, UK, German, French, Spanish, Italian, Portuguese, Dutch, Swiss, Belgium, Swedish, Norwegian, Danish, Japanese, Mandarin, Russian, Hebrew, Arabic			
Certification	CE / FCC UL / CUL / C-Tick			

Modular KVM Switch Specification

Model Name	Combo 8/16 KVM	Combo 8/16 KVM w/ IP module	Combo 8/16 KVM w/ CAT5 module	8 / 16 USB hub KVM
KVM Switch Type	Combo-free KVM Switch	Combo-free KVM Switch with IP module as second console	Combo-free KVM Switch with CAT5 module as second console	USB Hub KVM Switch
PC Port Connector (All Female Types)	HDDB-15 pin	HDDB-15 pin	HDDB-15 pin	VGA HDDB-15 pin
PC Ports	8 / 16	8 / 16	8 / 16	8 / 16
Max. Distance (KVM switch -- Host)	10 m (32 feet)	10 m (32 feet)	10 m (32 feet)	1.8 m (5.9 feet)
Video Resolution (Local Console)	1920 x 1440	1920 x 1440	1920 x 1440	1920 x 1440
Video Resolution (Remote Console)		1280 x 1024	1280 x 1024 for 500 feet 1024 x 768 for 1000 feet	
Remote Console		RJ-45 8P8C for 10/100M Ethernet remote IP console. Connector: 1 x RJ-45 Connector, 1 x Serial Port, 1 x Mini 5-Pin USB for mass storage	1 x RJ-45 Connector, CAT5 console up to 1000 feet away from KVM switch with superior auto-adjust RGB gain/delay control capability	
Daisy Chain Port	Support Daisy Chain function with 8-layer Bus topologies. Connector: 1 x HDDB-15 pin (Female Type)			
Keyboard / Mouse	PS/2 or USB			
Max. PC Connection	120 / 128			
PC Selection	On Screen Display (OSD) Menu, Hot Key			
Security	Provide ACL (Access Control List) security function, store up to 8 independent controllable PC lists			
Multilingual OSD (On Screen Display) Control	8 languages (English, France, German, Spanish, Italian, Russian, Japanese, Chinese)			
Auto-Scan Intervals	5 ~ 99 Sec.			
Operation Temperature	0 ~ 50 °C			
Storage Temperature	-20 ~ 60 °C			
Humidity	0 ~ 80 %, Non-Condensing			0 ~ 95 %, Non-Condensing
Net Weight	2.0 Kg / 4.4 lbs			
Dimension	420 x 170 x 44 mm / 16.5 x 6.7 x 1.7 inches			

Modular KVM Switch Specification

Model Name	CAT5 8/16/32 KVM	CAT5 8/16/32 KVM w/ IP module	CAT5 8/16/32 KVM w/ CAT5 module
KVM Switch Type	CAT5 KVM Switch	CAT5 KVM Switch with IP module as second console	CAT5 KVM Switch with CAT5 module as second console
PC Port Connector (All Female Types)	RJ-45	RJ-45	RJ-45
PC Ports	8 / 16 / 32	8 / 16 / 32	8 / 16 / 32
Max. Distance (KVM switch -- Host)	40 m (133 feet)	40 m (133 feet)	40 m (133 feet)
Video Resolution (Local Console)	1920 x 1440	1920 x 1440	1920 x 1440
Video Resolution (Remote Console)		1280 x 1024	1280 x 1024 for 500 feet 1024 x 768 for 1000 feet
Remote Console		RJ-45 8P8C for 10/100M Ethernet remote IP console. Connectors: 1 x RJ-45 Connector, 1 x Serial Port, 1 x Mini 5-Pin USB for mass storage	1 x RJ-45 Connector CAT5 console up to 1000 feet away from KVM switch with superior auto-adjust RGB gain/delay control capability
Daisy Chain Port	Support Daisy Chain function with 8-layer Bus topologies. Connector: 1 x HDDB 15 pin (Female Type)		
CAT5 Combo Dongle	3-to-1 CAT5 combo transmitter dongle. Combine three cables (keyboard, mouse and VGA) into one CAT5 cable before connecting to KVM switch. Support PS/2 and USB cable in the same dongle.		
Max. PC Connection	20 / 128 / 144		
Keyboard / Mouse	PS/2 or USB		
PC selection	On Screen Display (OSD) Menu, Hot Key		
Security	Provide ACL (Access Control List) security function, store up to 8 independent controllable PC lists		
Multilingual OSD (On Screen Display) control	8 languages (English, France, German, Spanish, Italian, Russian, Japanese, Chinese)		
Auto-Scan Intervals	5 ~ 99 Sec.		
Operation Temperature	0 ~ 50 °C		
Storage Temperature	-20 ~ 60 °C		
Humidity	0 ~ 80 %, Non-Condensing		
Net Weight	2.0 Kg / 4.4 lbs		
Dimension	420 x 170 x 44 mm / 16.5 x 6.7 x 1.7 inches		

KVM Switch Add-ons

IP module

Remote access for KVM switch



CAT5 module

Remote access for



Remote Box

Remote access for KVM switch



LCD-A2001/A2002

CAT5 Transmitter with PS/2 to USB adapter



LCD-A4001

Signal KVM cable



Modular Design LCD Console Add-ons

Combo 8/16 KVM

8 / 16 ports modular combo-free KVM switch



CAT5 8/16/32 KVM

8 / 16 / 32 ports modular CAT5 KVM switch

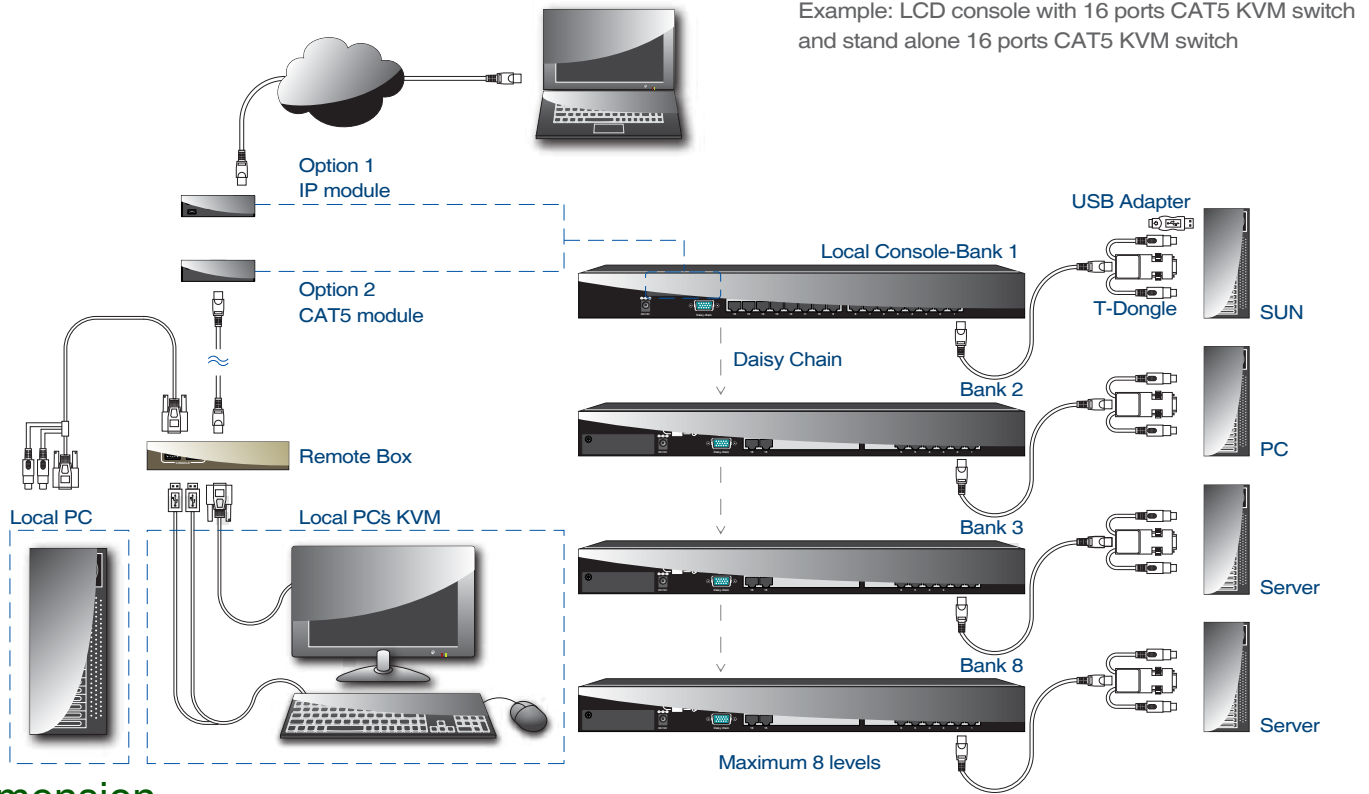


USB hub KVM

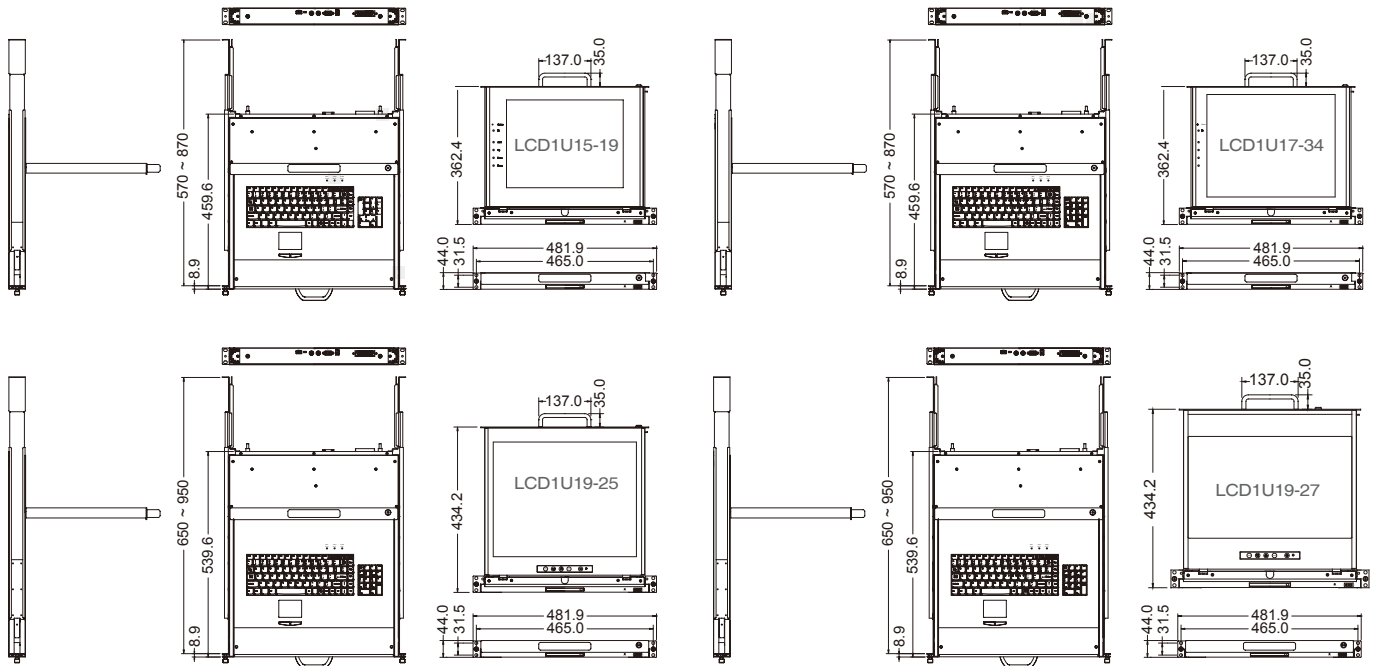
8 / 16 ports modular USB Hub KVM switch



Application

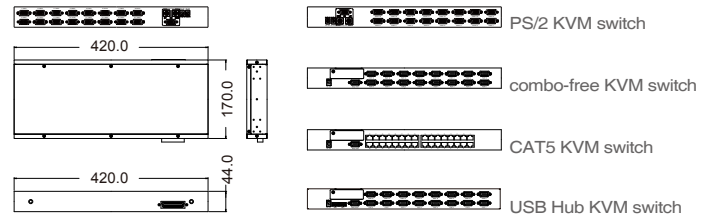


Dimension



LCD Console Options

- Color (Black / Beige / OEM color)
- Touch screen (USB or RS232)
- Additional SUN function key (17-34 / 19-25)
- Signal cable 1.8m (cable 6 ft)
- Audio function



Adaptable Cabinet Depth of LCD Console

Model Name	LCD1U15-18	LCD1U17-33	LCD1U19-24	LCD1U19-26
Depth of Console without modular KVM Switch	459.6 mm	459.6 mm	539.6 mm	539.6 mm
Adaptable Cabinet depth	570 ~ 870 mm	570 ~ 870 mm	650 ~ 950 mm	650 ~ 950 mm
Depth of Console with modular KVM Switch	637.6 mm	637.6 mm	717.6 mm	717.6 mm
Adaptable Cabinet depth	570 ~ 870 mm	570 ~ 870 mm	650 ~ 950 mm	650 ~ 950 mm