SDK Series

Model: SDK117-F8e

1U SUN Compatible Rackmount 17" LCD SUN Keyboard Drawer w/ 16-port Combo PS2/USBKVM Drawers.

Introduction

The Sunview 1U Rackmount 15"/17"/19"/20" LCD Combo PS2-USB 8/16-port KVM and 8/16/32 CAT5 KVM switch can control attaching servers and computers from local or remote console.
This KVM switch is loaded with Optional features such as one local console port, plus one optional CAT5-based remote two console port or one optional IP-based remote console Port. On Screen Display (OSD) Menu, Password security, Hot key Control, Push Button and Auto Scan Control. It has complete keyboard and mouse emulation for simultaneous PCs boot-up process.

Special Modular/Scalable KVM Design:

Sunview Special Modular/Scalable KVM, allow user to use Sunview console as single port console, or upgrade the Rear detachable KVM module to be 8/16 ports Combo PS2-USB, or 8/16/32 ports CAT5 KVM consoles with 2 Consoles via CAT5 extenders or KVM over IP.

Easy to maintain: Once the defective comes from the KVM switch, you can just swap the KVM switch module without sending the whole console back for repair.
Ready to Grow: With our fully modulized detachable rear Combo and CAT5 KVM module, plus IP & CAT5 modules. You have the flexibility to create 12 models of KVM and connect servers up 256 Servers. Sunview is scalable to grow with your networking needs.

Features:

- LCD Size: 15"/17"/19"/20" in 1U Rack Space
- Separate Rail Design, easy to installed by one person
- LCD Auto Shut off in closed Position
- Front lock with extra security
- Bright Active TFT display
- Panel protected by tempered glass
- Lockable sliding drawer to prevent movement when typing and slide out from the rack.
- Support Sun native resolution (+14 SUN Keys for SDK series)
- OSD function for LCD display and KVM switch
- Durable TouchPad keyboard (Optional Cherry keyboard with trackball)
- Special Modular/Scalable KVM Design with more than 10 models of KVM switches
- Easy to maintain : Once the defective comes from the KVM switch, you can just swap the KVM switch module without sending back the whole unit.
- DC power, DVI (optional)
- Touch panel and Sun keys (optional)
- Support 17 various keyboard languages (Optional)

Scalable KVM System

Design For:

Mac

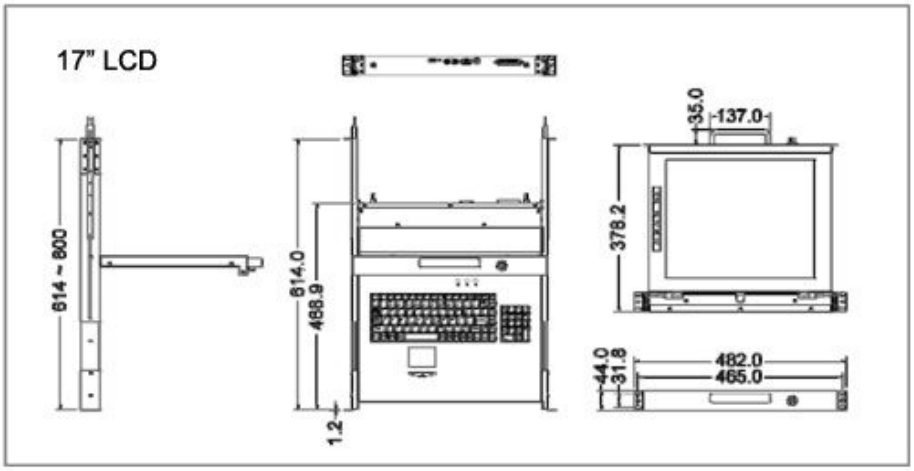
SOLARIS™

Microsoft Windows

SUN 1152x900

ROHS

Mechanical Drawing:



LCD Specifications:

Display Size	15 inches	17 inches	19 inches	20.1 inches
Panel Type	Active Matrix TFT LCD			
Resolution Capabilities	max. 1024 x 768 (XGA)	max. 1280 x 1024 (SXGA)	max. 1280 x 1024 (SXGA)	max. 1600 x 1200 (UXGA)
Pixel Pitch	0.297 mm x 0.297 mm	0.264 mm x 0.264 mm	0.098 mm x 0.294 mm	0.255 mm x 0.255 mm
Viewing Angle (CR>10)	Right-Left view 130 ° (Typ) Up-Down View 100 ° (Typ)	Right-Left view 60~70 ° (Typ) Up-Down View 45~60 ° (Typ)	Right-Left view 140 ° (Typ) Up-Down View 140 ° (Typ)	Right-Left view 85 ° (Typ) Up-Down View 85 ° (Typ)
Contrast Ratio	400 : 1	450 : 1	500 : 1	1000 : 1
Brightness	250 cd/m 2	250 cd/m 2	250 cd/m 2	300 cd/m 2
Back Light	Dual Lamps	Four Lamps	Four Lamps	Six Lamps
Supported Colors	16.7M Colors (8-bit with FRC)	16.7M Colors (8-bit with FRC)	16.7M Colors (8-bit with FRC)	16.7M Colors (8-bit with FRC)
Response Time	Rising Time 5 ms Decay Time 11 ms	Rising Time 2 ms Decay Time 14 ms	Rising Time 2 ms Decay Time 10 ms	Rising Time 15 ms Decay Time 7 ms
Power Consumption	16 W, 10.41 W for Panel	25 W, 19.05 W for Panel	25 W, 21.05 W for Panel	50 W, 45 W for Panel
Power Source	100 ~ 240 VAC input			
Sync	45 ~ 80 KHz			
PC Ports	1			
Keyboard Mouse	106 key PS/2 keyboard with touch pad			
Multi Platform	Support PS/2 and USB			
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			
Operating System	Dos, Windows (3.1, 9x, 2000, NT4, ME, XP, 2003 Server) Linux, Novell 3.12-6, HP UX, SUN			
Keyboard Language Option	UK, German, French, Spanish, Italian, Portuguese, Dutch, Swiss, Belgium, Swedish, Norwegian, Danish, Japanese, Mandarin, Russian, Hebrew			
Certification	CE / FCC, UL / CUL / C-Tick, GOST			

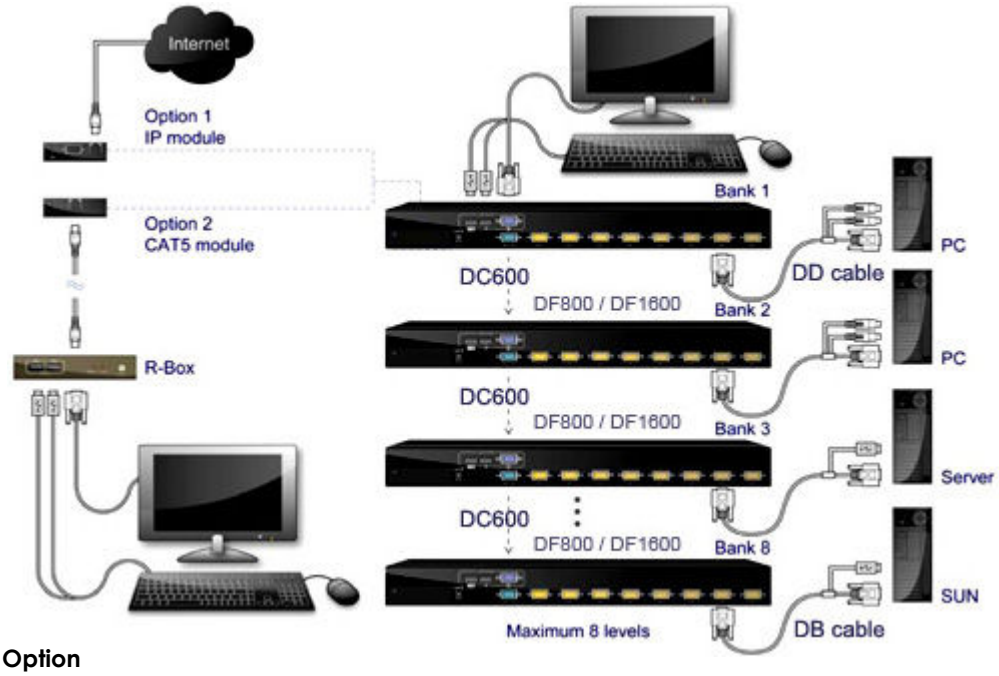
KVM Switch Specifications:

KVM Switch	CAT 5 KVM Switch	Cat 5 KVM Switch with IP as second console	Cat 5 KVM Switch with CAT5 as second console
PC Port Connector (All Female Types)	RJ-45	RJ-45	RJ-45
PC Ports	16 / 32	16 / 32	16 / 32
Max. Distance (KVM switch -- Host)	133 feet (40 m)	133 feet (40 m)	133 feet (40 m)
Video Resolution (Local Console)	1920 x 1440	1920 x 1440	1920 x 1440
Video Resolution (Remote Console)		1280 x 1024	1600 x 1200 for 500 feet , 1024 x 768 for 1000 feet
Console Ports	1 (One Local) 2 (option for IP or CAT5)	1 (One Local) 1 IP-Based Remote Console	1 (One Local) 1 CAT5-Based Remote Console
Daisy Chain Port	Support Daisy Chaining with both Bus (8-layer) and Tree (2-layer) topologies. Connector DB15 (Female Type)	Support Daisy Chaining with both Bus (8-layer) and Tree (2-layer) topologies. Connector DB15 (Female Type)	Support Daisy Chaining with both Bus (8-layer) and Tree (2-layer) topologies. Connector DB15 (Female Type)
Remote Console	Option for IP or CAT5	RJ-45 8P8C for 10/100M Ethernet remote IP console	RJ-45 Connector CAT5 console up to 1000 feet away from KVM switch with superior auto-adjust RGB gain/delay control capability
Max. PC Connection	144 / 160		
CAT5 Combo Dongle	3-to-1 CAT5 combo transmitter dongl e. 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.		
Keyboard / Mouse	PS/2 or USB		
Power	DC Power adapter : 12V, 2.5A		
PC selection	On Screen Display (OSD) Menu, Hot Key, Push Button		
Security	Provide ACL (Access Control List) sec urity function, store up to 8 independent controllable PC lists		
Multilingual OSD (On Screen Display) control	8 languages (English, France, Germen, 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		

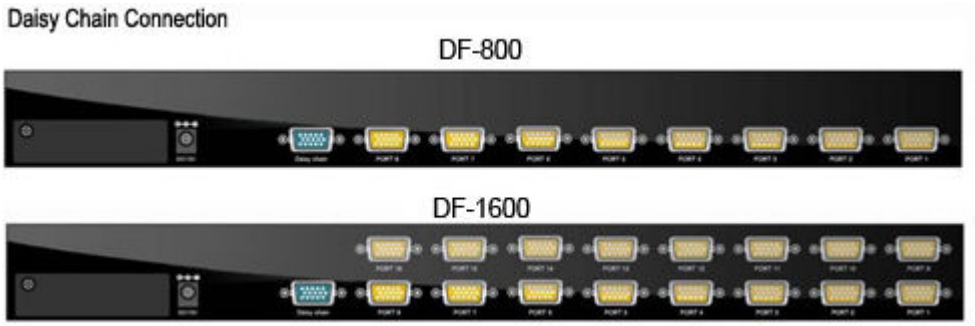
With the CAT5-based remote console port you can you remotely control servers and computers 1000 feet away. In other words, you can locate your monitor, keyboard and mouse up to 1000 feet away from the KVM switch. The built-in CAT5 transmitter synthesizes VGA monitor and keyboard/mouse signals, and transmit the signals to the remote CAT5 receiver over the popular LAN CAT5 cable.

With the IP-based remote console port you can control one or many computers locally at the server site or remotely via the Internet using a standard browser. You can securely gain BIOS level access to systems for maintenance, support, or failure recovery over the Internet. Communication is secure via SSL encryption.

Diagram



Option

- Color (Black / Beige / OEM color)
- Cherry keyboard with trackball (PS/2 only)
- Touch screen (USB or RS232)
- DC power
- Additional SUN function key
- Signal cable 1.8m / 3.0m / 5.0m
- Audio function

Accessories