CAT6 KVM

NetView:2U Rackmount 17" TFT 1280x1024 LCD KVM with 104 key notepad Sun Compatible Keyboard w/ Trackball (b), Integrated with Matrix Cat6,16 KVM Ports + 1 User Via CAT5 Extender + 1 Users Via KVM over IP. Over Depth is 19 Inch. Dongles sold separately

Model: NVP2417MC1116Sb

FEATURES:

- 2U dual slide 17" LCD console drawer
- 104-key keyboard with either touchpad or trackball
- Short depth design of 480mm(19 inch)Deep
- New enhanced aesthetics with molded front handle
- 2 post rack mounting available

SPECIFICATIONS:

LCD Panel	
Diagonal size	17" TFT
Max. Resolution	1280 x 1024
Brightness (cd/m2)	250
Backlight	CCFL
Colors	16.7M
Contrast Ratio (typ)	1000 : 1
Viewing Angle (H/V)	160° x 160°
Active area (mm)	338 x 270
MTBF (hrs)	50,000
Casing Color	Black (RAL 9005)
Weight (Single console)	
Net	20.4 kgs (44.9 lbs)
Gross	24.8 kgs (54.6 lbs)
Environmental	
Operating	0 to 50°C Degree
Storage	-5 to 60°C Degree
Relative humidity	5~90%, non-condensing
Shock	10G acceleration (11 ms duration)
Vibration	5~500Hz 1G RMS random vibration
Regulatory	FCC, CE
Power	
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption	Max. 48 Watt, Standby 5 Watt
Product Dimensions (Single console)	
Product	441.6 x 480 x 88 mm / 17.4 x 18.1 x 3.5 inch
Packing	585 x 620 x 190 mm / 23 x 24.4 x 7.5 inch
Product Dimensions (with KVM)	
Product	441.6 x 480 x 88 mm / 17.4 x 18.9 x 3.5 inch
Packing	585 x 620 x 190 mm / 23 x 24.4 x 7.5 inch

SUN Keyboard / Mouse Options

Se SUN keyboard integrated with touchpad

Sb SUN keyboard integrated with trackball

SUN keyboard integrated with touchpad/trackball

• Incorporates SUN keys, including Stop, Cut, Paste, Compose, Copy and Help
• 104 key notepad keyboard with full numerical pad and SUN function
• USB interface
• US layout only

How to Use "SUN" Keyboard

Num LED in Off mode
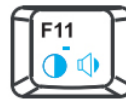Key pad behaves as a SUN Solar system administration command mode

Num LED in Green mode
Key pad behaves as a normal key pad mode

Audio / Display Keys   * Please ask your supplier for full details
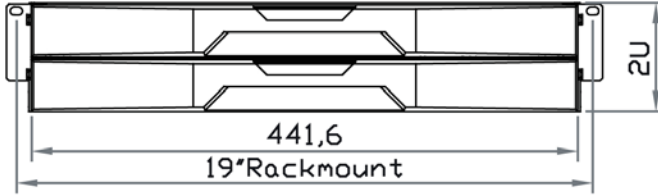
F9
Audio : Mute
Display : Degauss

F11
Audio : Decrease volume
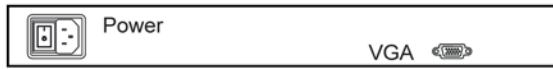Display : Decrease contrast

F12
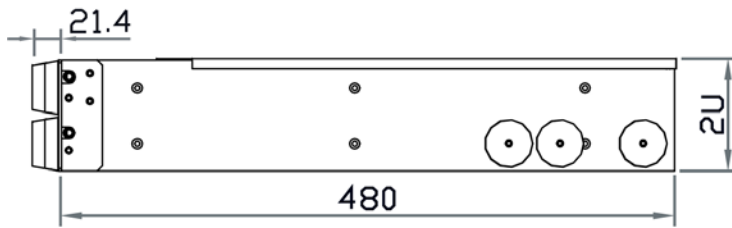Audio : Increase volume
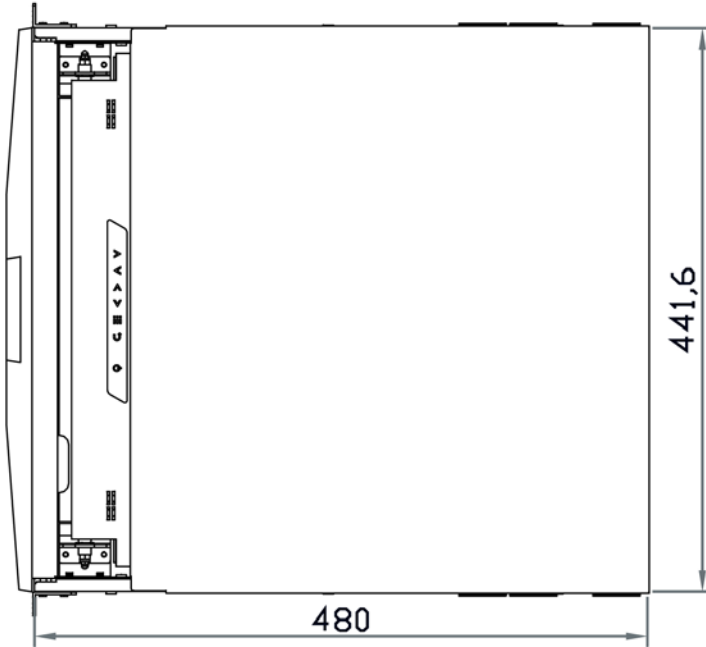Display : Increase contrast

DIMENSION

Front View

441,6

19"Rackmount

2U

Rear View

Power

VGA

Side View

21.4

480

2U

UNIT : mm
1mm = 0.03937 inch

Top View

441,6

480

STRUCTURE DIAGRAM

① LCD interchangeable module kit

② Installation Slides

③ Carry handle to release the 2-pt lock

④ Audio speaker (for SDI or HDMI option)

⑤ LCD membrane ∧ ∨ < > ≣ ↩ ⏻

⑥ Membrane switch (KVM option)

⑦ Keyboard interchangeable module kit

⑧ Mouse interchangeable module kit

KVM PORT & CAT6 DONGLE CONNECTION

IF-DUSBD DVI-USB dongle
■ To connect DVI-D connector to the computer's video card
■ To connect USB connector to the computer's USB port

IF-DUSB VGA-USB dongle
■ To connect DB-15 connector to the computer's video card
■ To connect USB connector to the computer's USB port

IF-DPS2 VGA-PS/2 dongle
■ To connect DB-15 connector to the computer's video card
■ To connect PS/2 keyboard connector to the computer's keyboard port
■ To connect PS/2 mouse connector to the computer's mouse port

Cat6 Dongle	EDID Resolution Hard-coded	Resolutions Capable			
		4:3			16:10
		1024 x 768	1280 x 1024	1600 x 1200	1440 x 900
IF-DPS2	1600 x 1200	✔	✔	✔	✔ *
IF-DUSB	1600 x 1200	✔	✔	✔	✔ *
IF-DUSBD	1280 x 1024	✔	✔	✘	✘

* Requires the user to enable showing unsupported resolutions via the target computer's video adapter settings (effectively ignoring the DDC / EDID)

IP, REMOTE & LOCAL CONSOLE CONNECTION

Matrix Cat6 IP KVM Benefits

- ➢ **Secure IP remote user access across the world wide web**
- ➢ **Efficient system management with simultaneous multi-user access**
- ➢ **Capable of connecting 32 or 16 servers per device in 1U**
- ➢ **Support DVI-USB, VGA-USB & VGA-PS/2 server interface**
- ➢ **Up to 40 meters between your server & KVM switch**
- ➢ **Enhanced Cat6 cable management with remote access up to 150m**

Switch Features & Options

- Provide a diversity of console to access servers independently and simultaneously
- Use of the RJ45 Cat6 interface allows for a higher number of ports in smaller density
- Greater distances between your switch and servers allow enhanced data center rack layouts
- Multi lingual on screen display menu
- Advanced user profiles and configurable OSD hot key combinations

KVM SPECIFICATIONS

■ KVM Port	
Number of ports:	16 or 32
Connector:	RJ-45
Connectivity:	DVI-D / VGA connector dongle up to 40 meters (132 feet) via Cat6 / Cat5 cable
■ Local Console	
Monitor port:	DB15-pin VGA
Keyboard & mouse port:	2 x USB type connector for keyboard & mouse
Resolution support:	4:3 - max. 1600x1200 16:10 - max. 1440x900
■ Cat6 Remote Console	
Number of remote port:	1
Monitor port:	DB15-pin VGA
Keyboard & mouse port:	2 x USB type connector for keyboard & mouse
Remote I/O:	RJ45 via Cat5 / Cat5e / Cat6 cable up to 500 feet
Resolution support:	4:3 -max. 1600x1200 16:10-max. 1440x900
■ IP Remote Console	
Number of IP console:	1 for MC1116 / MC1132 2 for MC2116 / MC2132
User management:	15-user login, 1 x active user
Browser:	Internet Explorer, Firefox, Safari
Security:	SSL v3, RSA, AES, HTTP / HTTPs, CSR
IP Access:	RJ45 Ethernet per IP console
Resolution support:	4:3-max. 1600x1200

■ Expansion:	Up to 256 servers by 8-level cascade
■ Compatibility:	
Multi-platform:	Mix PCs, SUN and Mac G3 / G4 Mac / iMac
Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix
■ Power	
Input:	AC power adapter
Consumption:	Max. 48 Watt, Standby 5 Watt
■ Regulatory :	
Safety:	cUL, FCC & CE certified
Environment:	RoHS2 & REACH compliant
■ Environmental	
Operating:	0 to 50°C
Storage:	-5 to 60°C
Relative humidity:	90%, non-condensing
Shock:	50G peak acceleration (11ms, half-sine
Vibration:	58-100Hz / 0.98G (11ms / cycle)
■ Product Information	
Dimension (W x D x H):	443 x 171 x 44 mm / 17.4 x 6.7 x 1.73 inch
Net weight:	3 kg / 6.5 lb
■ Packing Information	
Dimension (W x D x H):	500 x400 x90 mm / 19.7 x 15.7x3.5 inch
Gross weight:	5 kg / 11 lb

KVM CASCADE

- Cascade up to 8 levels, 256 servers
- Cascading multiple KVM with CMC-8 cascade cable

Master KVM

out ——— in
Cascade

To cascade IN port

Slave KVM level 2 — MC0116

Slave KVM level 3 — MC0116

Up to Level 8

⚠ Cascaded KVMs from level 2 to 8 must be the models of MC0116 / MC0132 or M018 / M0116.

⚠ When multiple matrix KVMs cascade together, the master KVM at level 1 will take all control of other slave KVM switches (e.g. level 2 to 8).

⚠ The slave matrix KVM will be as a port expansion module of the master matrix KVM, the original remote console on slave KVM will be sacrificed and disabled.

CMC-8
- 8ft Matrix KVM cascade cable