CAT6 KVM

NetView:1U Rackmount 21" Wide 1920 x 1080 LCD KVM with 104 key notepad Sun Compatible Keyboard w/ Touchpad (e), Integrated with Matrix Cat6,32 KVM Ports + 1 User Via CAT5 Extender + 0 Users Via KVM over IP. Over Depth is 30 Inch. Dongles sold separately

Model: NVPW1215MC0132Se

FEATURES:

- 1U 21" widescreen LCD console drawer
- Support Full HD with 1080p resolution
- 104-key notepad SUN Compatible keyboard with touchpad
- New enhanced aesthetics with molded front handle

Drawer Features & Options

- 3G / HD / SD-SDI Broadcast-grade input (w/ speaker)
- HDMI (w/ speaker)
- DC power : 12V / 24V / 48V / 110 ~ 125V

SPECIFICATIONS:

LCD Panel	
Diagonal size	21.5" widescreen TFT
Max. Resolution	1920 x 1080
Brightness (cd/m2)	250
Backlight	LED
Colors	16.7M
Contrast Ratio (typ)	1000 : 1
Viewing Angle (H/V)	170° x 160°
Active area (mm)	477 x 268
MTBF (hrs)	30,000
Casing Color	Black (RAL 9005)
Weight (Single console	
Net	14.7 kgs / 32.3 lbs
Gross	18.9 kgs / 41.6 lbs
Environmental	
Operating	0 to 55°C Degree
Storage	-20 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 certified
Power	
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption	Max. 32 Watt, Standby 4 Watt
Product Dimensions (Single console)	
Product	441.6 x 670 x 44 mm / 17.4 x 26.4 x 1.73 inch
Packing	595 x 860 x 140 mm / 23.4 x 33.9 x 5.5 inch
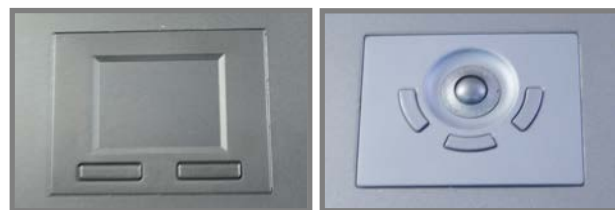
SUN Keyboard / Mouse Options

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

■ Hold the handle and slide out the drawer.

■ Flip up the LCD to a suitable angle

■ Operate the LCD console drawer.

LCD
Panel

Flip up LCD from the side

Left   Right

Front Side

Option - Right Side Open

DIMENSION

Front View

441.6
19" Rackmount

Rear View

Power
DVI-D
KB / MS

UNIT : mm
1mm = 0.03937 inch

Side View

670

1U

Top View

441.6

670

STANDARD KEYBOARD

e keyboard integrated with touchpad

b keyboard integrated with trackball

Supporting layouts

America	United States				
EMEA	United Kingdom	Germany	France	Spain	Norway
	Italy	Russia	Switzerland	Netherlands	Portugal
Asia	China	Japan	Korea	Arabia	Turkey

STRUCTURE DIAGRAM

① LCD interchangeable module kit ⑥ Mouse interchangeable module kit

② LCD membrane ∧ ∨ < > ☰ ⊃ ⑦ Carry handle to release the 2-pt lock

③ Micro switch for screen auto power off ⑧ Membrane switch (KVM option)

④ Installation Slides ⑨ Audio speaker (for SDI or HDMI option)

⑤ Keyboard interchangeable module kit ⑩ Front USB port for device access (USB Hub KVM only)

KVM PORT & CAT6 DONGLE CONNECTION

USB Servers

IF-DUSBD
DVI-USB dongle

CAT 5 / 6 cable
max. 40 meters

Cat6 KVM port

PS/2 Servers

IF-DPS2
VGA-PS/2 dongle

USB Servers

IF-DUSB
VGA-USB dongle

CAT 5 / 6 cable
max. 40 meters
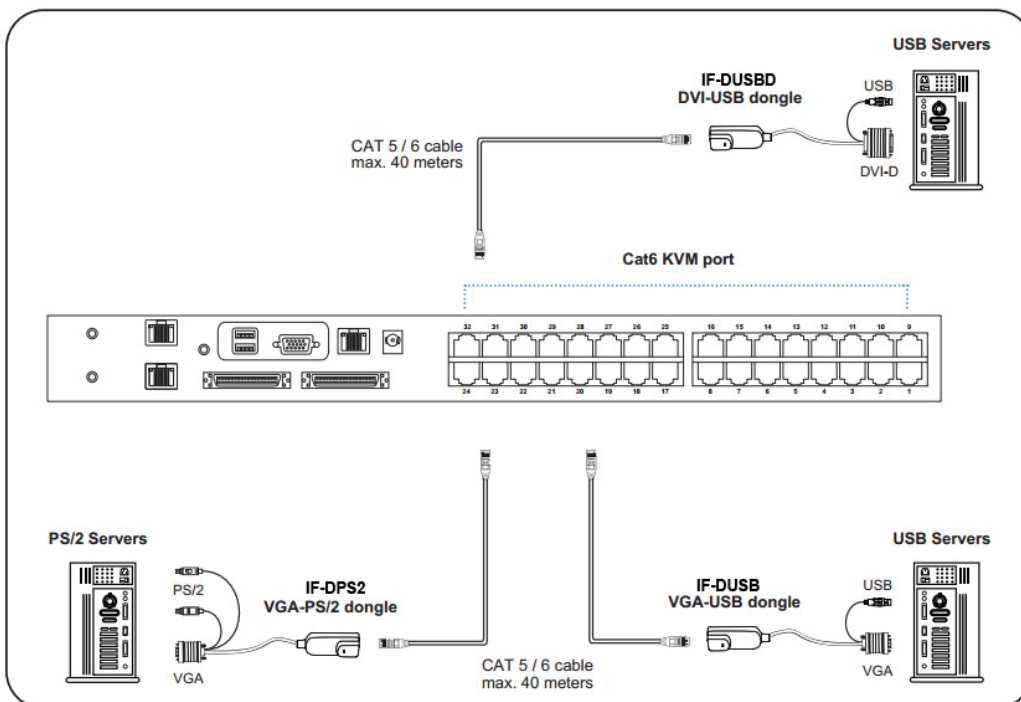
IF-DUSBD DVI-USB dongle
■ To connect DVI-D connector to the computer's
video card
■ To connect USB connector to the computer's USB
port

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)

LOCAL CONSOLE & REMOTE CONSOLE CONNECTION

Matrix Cat6 KVM Benefits

- ➢ **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**
- ➢ **Increased distance of 40m between your server & KVM**
- ➢ **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
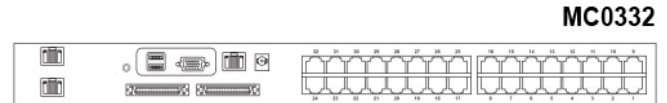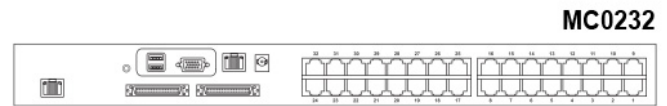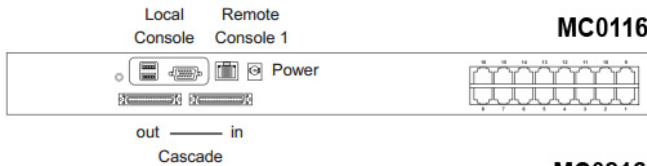
KVM SPECIFICATIONS

■ 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:	1 x DB15-pin VGA, up to 1600 x 1200
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 for MC0116 / MC0132 2 for MC0216 / MC0232 3 for MC0316 / MC0332
Monitor port:	DB15-pin VGA, up to 1600 x 1200
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
■ 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