DB-15 KVM

NetView:1U Rackmount 21" Wide 1920 x 1080 LCD KVM with 104 key notepad Sun Compatible Keyboard w/ Touchpad (e), Integrated with Matrix DB-15,8 KVM Ports + 1 User Via CAT5 Extender + 1 Users Via KVM over IP. Over Depth is 30 Inch. Dongles sold separately

Model: NVPW1215M118Se

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
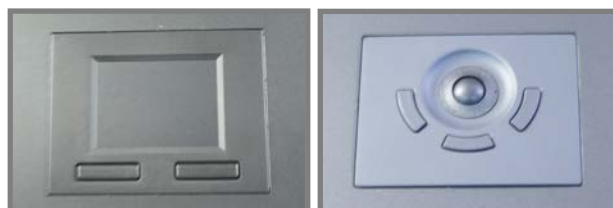
SUN Keyboard / Mouse Options

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	**F9** Audio : Mute Display : Degauss

F11	**F11** Audio : Decrease volume Display : Decrease contrast

F12	**F12** Audio : Increase volume Display : Increase contrast

■ Hold the handle and slide out the drawer.

■ Flip up the LCD to a suitable angle

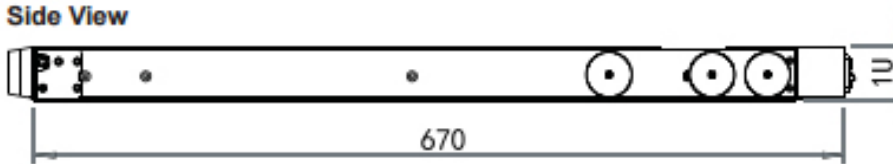■ Operate the LCD console drawer.
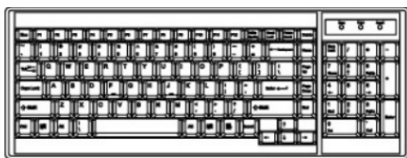

Option - Right Side Open

DIMENSION

Front View

441.6
19" Rackmount

Rear View

Power
DVI-D
KB / MS

Side View

UNIT : mm
1mm = 0.03937 inch

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

② LCD membrane   ∧ ∨ < > ☰ ↺   ♨

③ Micro switch for screen auto power off

④ Installation Slides

⑤ Keyboard interchangeable module kit

⑥ Mouse interchangeable module kit

⑦ Carry handle to release the 2-pt lock

⑧ Membrane switch (KVM option)

⑨ Audio speaker (for SDI or HDMI option)

⑩ Front USB port for device access (USB Hub KVM only)

KVM PORT CONNECTION

USB Servers

NE - 6 / 10 / 15 Combo KVM cable
support PS/2 or USB server

DB-15 Combo KVM port

PS/2 Servers

NE - 6 / 10 / 15 Combo KVM cable
support PS/2 or USB server

USB Servers

NE-6 / NE-10 / NE-15
- 6 / 10 / 15 ft Combo KVM cable
- Support PS/2 or USB server

Matrix DB-15 IP KVM Benefits

- ➢ **Secure IP remote user access across the world wide web**
- ➢ **Efficient system management with simultaneous multi-user access**
- ➢ **Support resolution up to 1920 x 1080**
- ➢ **SUN 1152 x 900 resolution compatible**
- ➢ **Multi-platform servers shared by different consoles in cascade connection**
- ➢ **Mix PS/2, USB & SUN with Multi-Platform switch capability**
- ➢ **Extended Cat6 cord remote access up to 150 meters**
- ➢ **Provide a diversity of consoles to access servers independently & simultaneously**

Switch Features & Options

- Mix legacy PS/2 servers with newer USB and SUN solutions
- 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
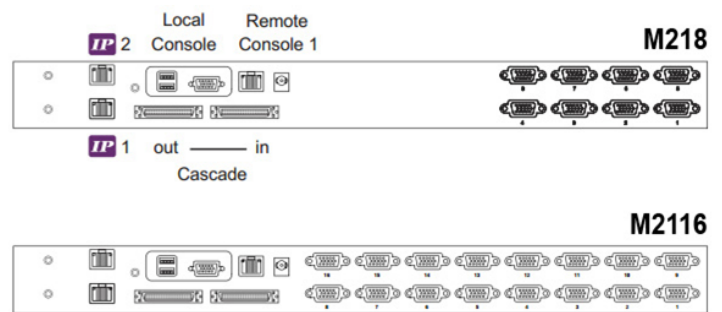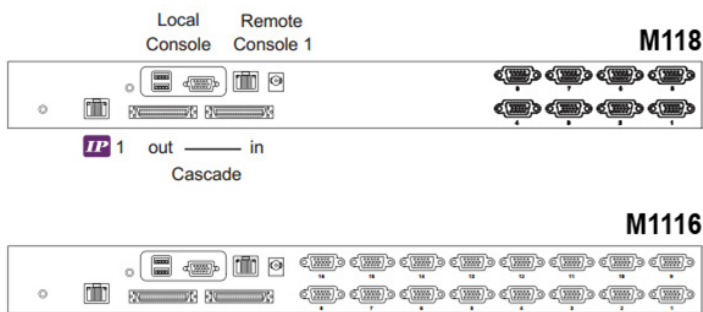
KVM SPECIFICATIONS

■ KVM Port	
Number of ports:	8 or 16
Connector:	DB-15 combo connector
Connectivity:	Combo 4-in-1 KVM cable up to 6, 10 & 15 feet
■ Local Console	
Monitor port:	1 x DB-15 VGA (Up to 1920 x 1080 /1920 x 1200)
Keyboard & mouse port:	2 x USB type connector for keyboard & mouse
■ CAT6 Remote Console	
Number of remote port:	1
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
■ IP Remote Console	
Number of IP console:	1 for M118 / M1116 2 for M218 / M2116
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
■ Expansion	Up to 240 servers by 8-level cascade

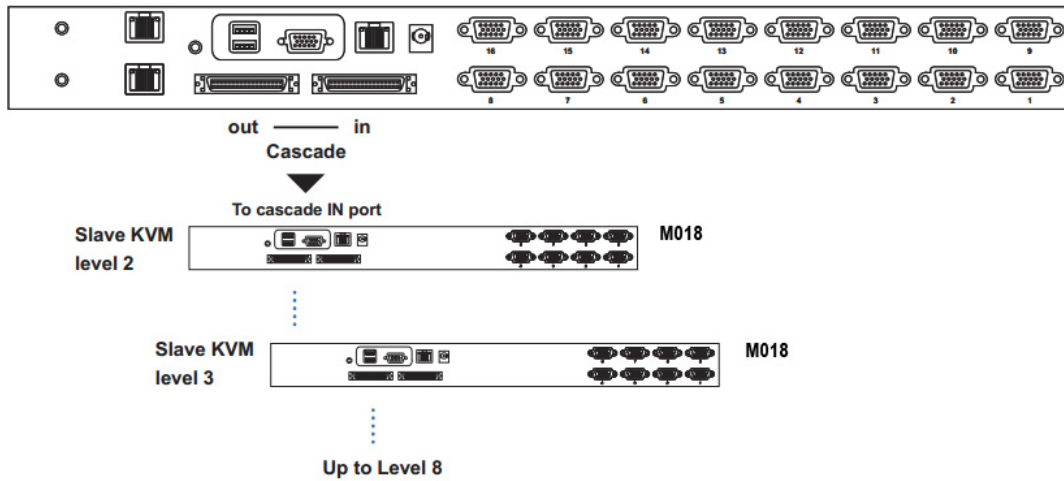| ■ Compatibility	
Multi-platform:	Mix PCs, SUN and Mac G3 / G4 Mac / iMac
Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix
■ Power	
Input:	AC power adapter
Consumption:	Max. 48 Watt, Standby 5 Watt
■ Regulatory :	
Safety:	cUL, FCC & CE certified
Environment:	RoHS2 & REACH compliant
■ Environmental	
Operating:	0 to 50°C
Storage:	-5 to 60°C
Relative humidity:	90%, non-condensing
Shock:	50G peak acceleration (11ms, half-sine wave)
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 x 400 x 90 mm / 19.7 x 15.7 x 3.5 inch
Gross weight:	5 kg / 11 lb

IP, REMOTE & LOCAL CONSOLE CONNECTION

KVM CASCADE

- Cascade up to 8 levels, 240 servers
- Cascading multiple KVM with CMC-8 cascade cable

Master KVM

out ——— in
Cascade

To cascade IN port

Slave KVM
level 2   M018

Slave KVM
level 3   M018

Up to Level 8

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

⚠ 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