DB-15 KVM

NetView:1U Rackmount 21" Wide 1920 x 1080 LCD KVM with 104 key notepad MAC keyboard w/ Trackball (b), Integrated with Matrix DB-15,16 KVM Ports + 1 User Via CAT5 Extender + 1 Users Via KVM over IP. Over Depth is 30 Inch. Dongles sold separately

## Model: NVPW1215M1116Mb

FEATURES:

- 1U 21" widescreen LCD console drawer
- Support Full HD with 1080p resolution
- 104-key MAC keyboard with trackball
- 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
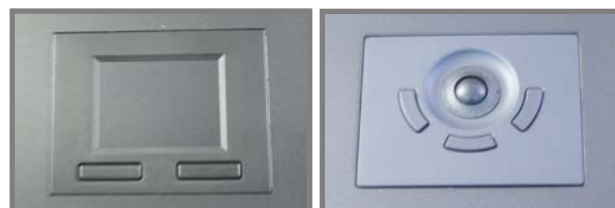
MAC Keyboard / Mouse Options

Me MAC keyboard integrated with touchpad

Mb MAC keyboard integrated with trackball

Supporting layouts

America

United States

How to Use "MAC" Keyboard

Keyboard Features

F1
Decrease display brightness

F9
Fast-forward

F2
Increase display brightness

F10
Mute sound

F3
Mission control
* Only works with OS X Lion
  default Keyboard Shortcuts.

F11
Decrease volume

F4
Dashboard

F12
Increase volume

F7
Rewind

Eject disc

F8
Play / Pause

Command

■ 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

Side View

UNIT : mm
1mm = 0.03937 inch

670
1U

Top View

441.6

670

STANDARD KEYBOARD

e keyboard integrated with touchpad
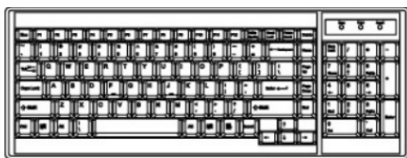
b keyboard integrated with trackball

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   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 CONNECTION

USB Servers

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

DB-15 Combo KVM port

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

PS/2 Servers

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
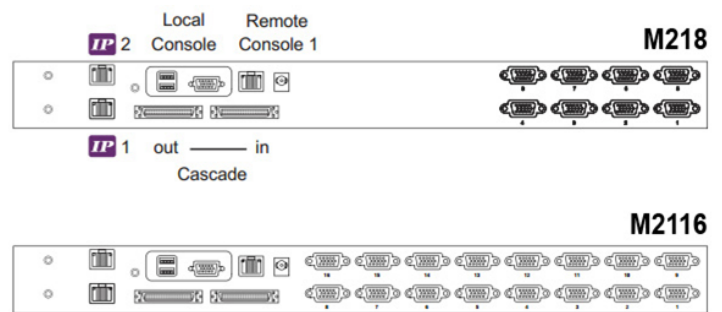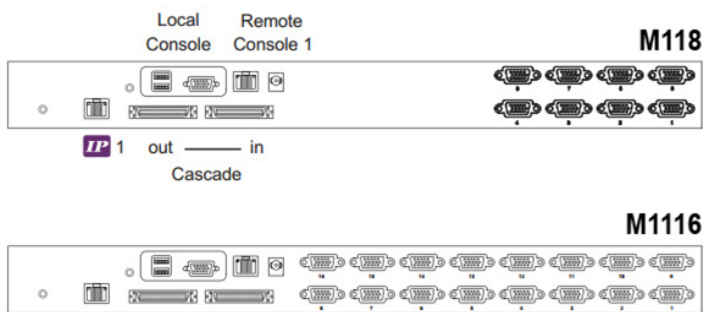
KVM SPECIFICATIONS

■ 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
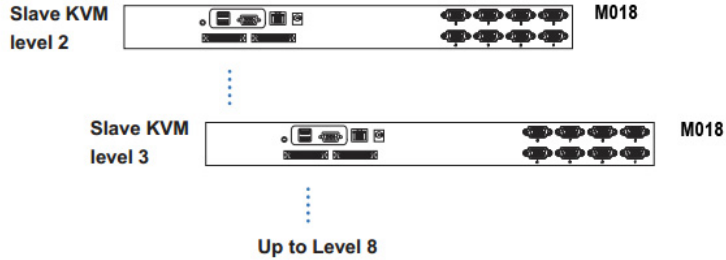
KVM CASCADE

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

Master KVM
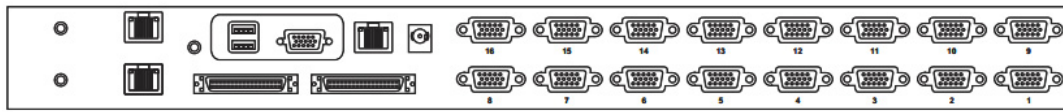
out ——— in
Cascade

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