CAT6 KVM

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

## Model: NVPW1215MC1132Me

FEATURES:

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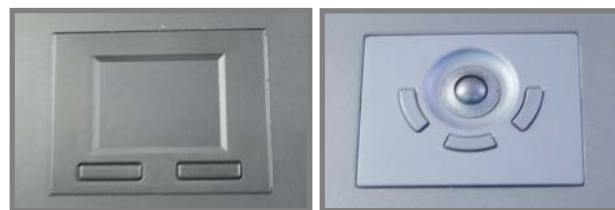
MAC Keyboard / Mouse Options

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.

Option - Right Side Open

LCD
Panel

Flip up LCD from the side
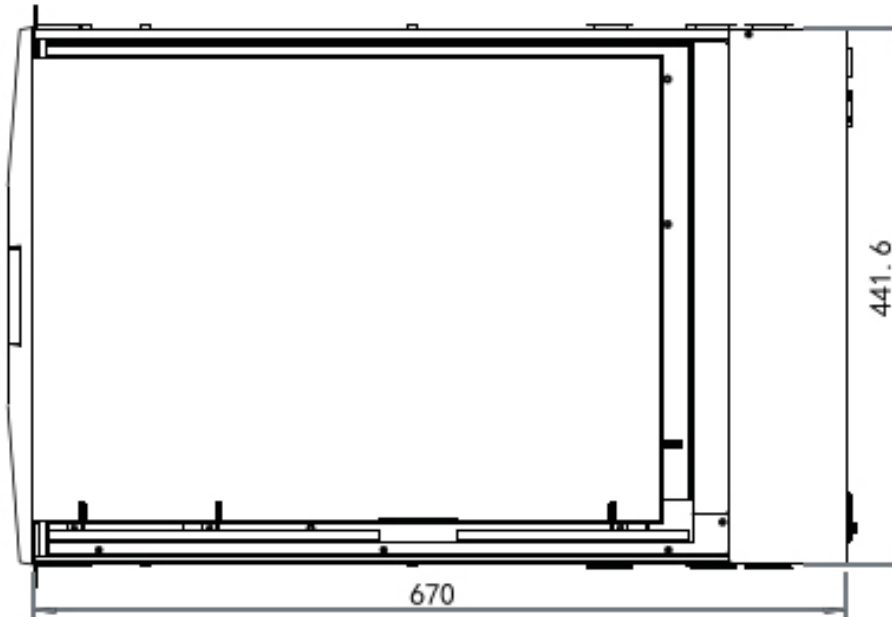
Left

Right

Front Side

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
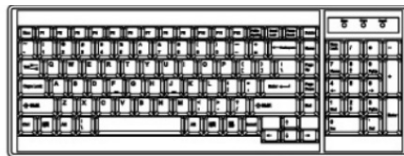
Supporting layouts

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 & CAT6 DONGLE CONNECTION

USB Servers

IF-DUSBD
DVI-USB dongle

USB

CAT 5 / 6 cable
max. 40 meters

DVI-D

Cat6 KVM port

PS/2 Servers

PS/2

IF-DPS2
VGA-PS/2 dongle

VGA

IF-DUSB
VGA-USB dongle

CAT 5 / 6 cable
max. 40 meters

USB Servers

USB

VGA

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	Resolutions Capable			
	Resolution	4:3			16:10
	Hard-coded	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
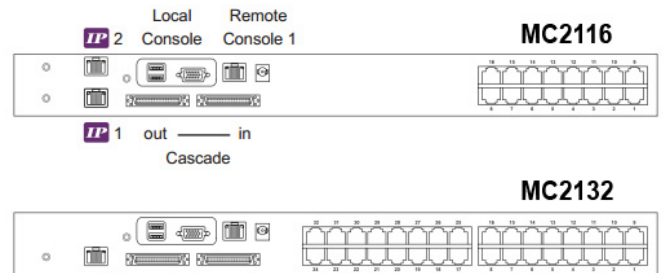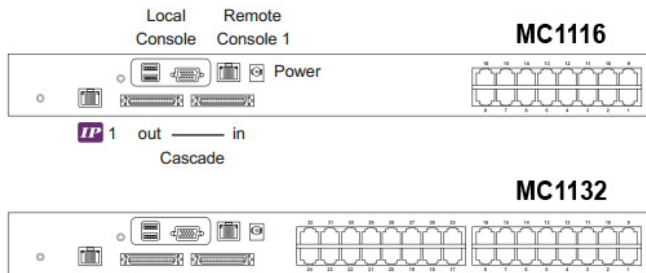
KVM SPECIFICATIONS

■ 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

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