CAT6 KVM

NetView:1U Rackmount 21" Wide 1920 x 1080 LCD KVM with 104 key notepad keyboard w/ Trackball (b), Integrated with Matrix Cat6,16 KVM Ports + 1 User Via CAT5 Extender + 2 Users Via KVM over IP. Over Depth is 30 Inch. Dongles sold separately

Model: NVPW1215MC2116b

FEATURES:

- 1U 21" widescreen LCD console drawer
- Support Full HD with 1080p resolution
- 104-key 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:

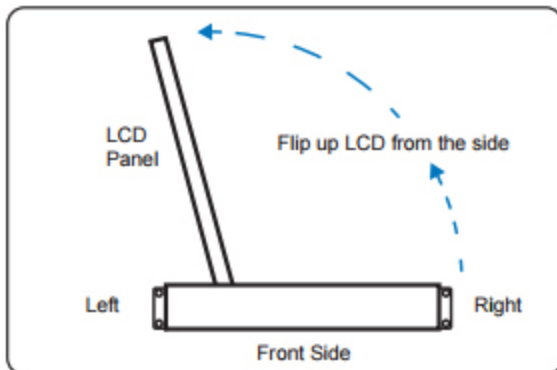| LCD Panel	
Diagonal size	*21.5" widescreen TFT*
Max. Resolution	*1920 x 1080*
Brightness (cd/m2)	*250*
Backlight	*LED*
Colors	*16.7M*
Contrast Ratio (typ)	*1000 : 1*
Viewing Angle (H/V)	*170° x 160°*
Active area (mm)	*477 x 268*
MTBF (hrs)	*30,000*
Casing Color	*Black (RAL 9005)*
Weight (Single console	
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*
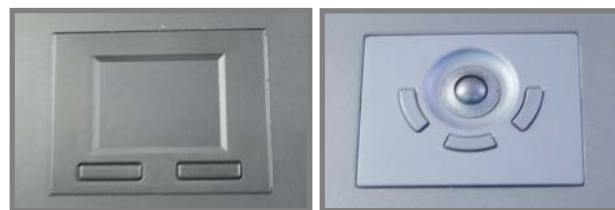
■ Hold the handle and slide out the drawer.

■ Flip up the LCD to a suitable angle

■ Operate the LCD console drawer.
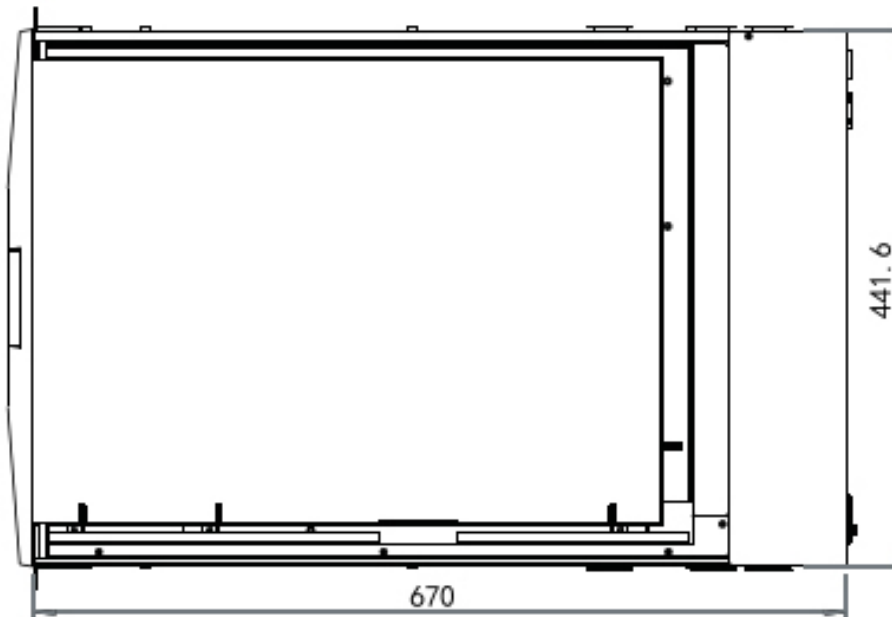

Option - Right Side Open

DIMENSION

Front View

441.6
19" Rackmount

Rear View

Power
DVI-D
KB / MS

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
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

DVI-D

CAT 5 / 6 cable
max. 40 meters

Cat6 KVM port

32 31 30 29 28 27 26 25   16 15 14 13 12 11 10 9
24 23 22 21 20 19 18 17   8 7 6 5 4 3 2 1

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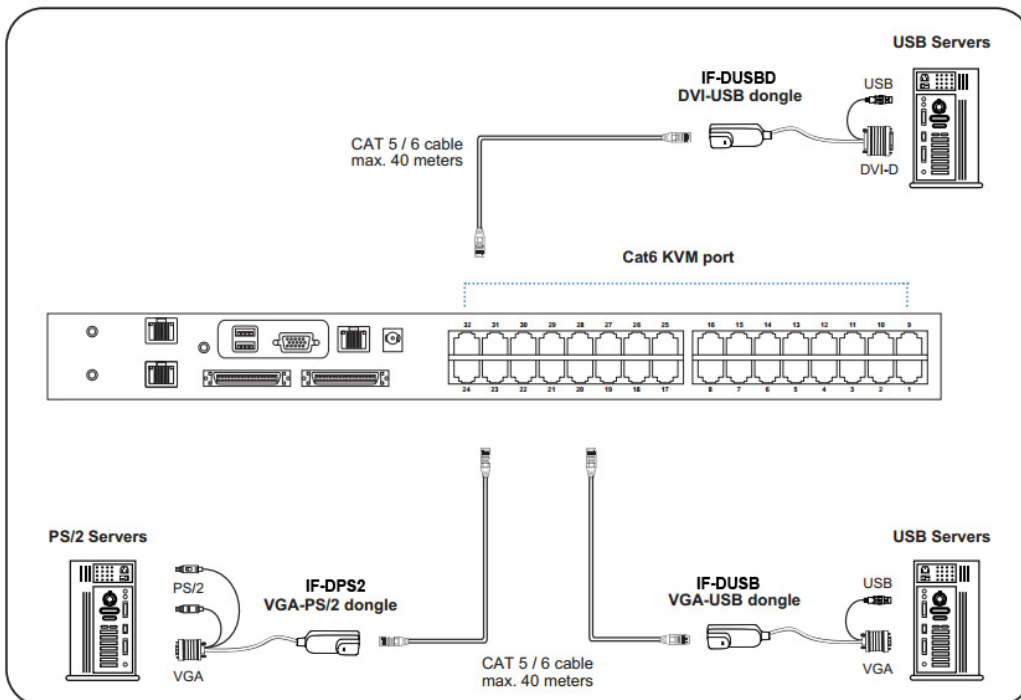
IF-DUSBD DVI-USB dongle
■ To connect DVI-D connector to the computer's
video card
■ To connect USB connector to the computer's USB
port

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 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
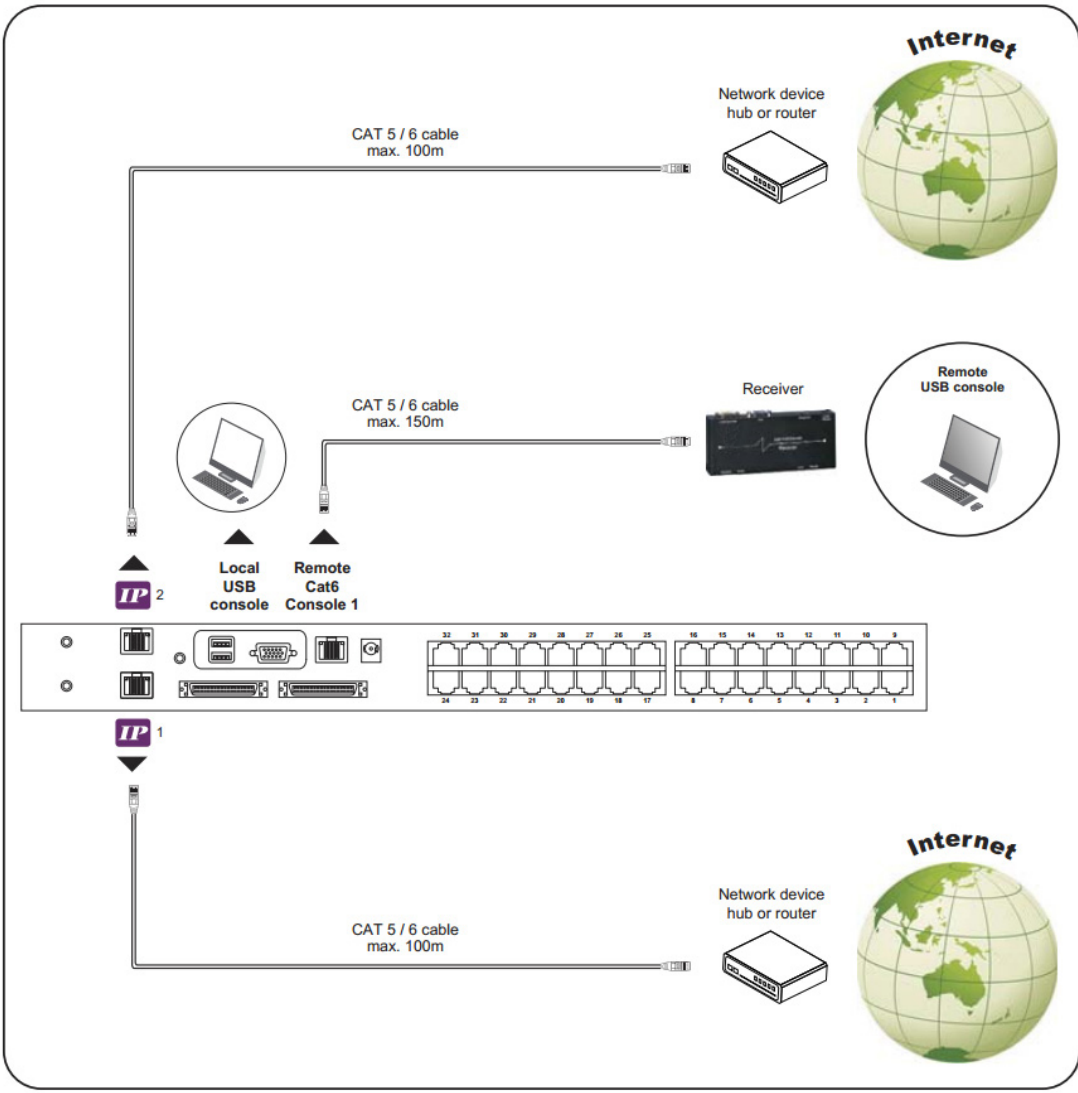
Matrix Cat6 IP KVM Benefits

➢ **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
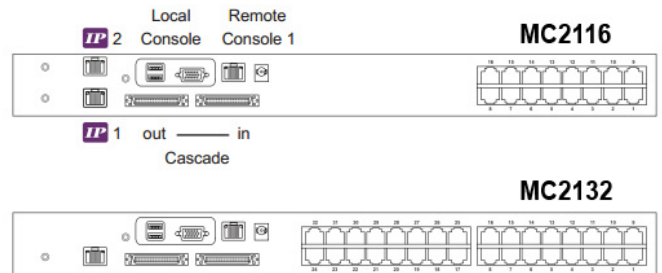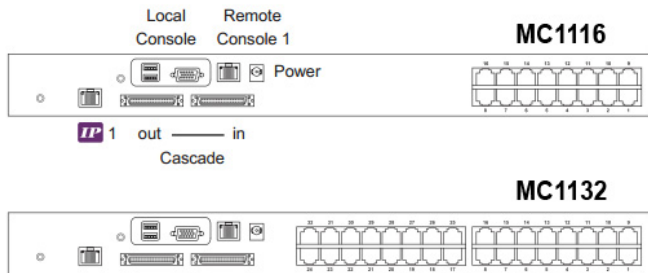
KVM SPECIFICATIONS

■ 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