CAT6 KVM

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

Model: NVPW1215CIP32Me

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
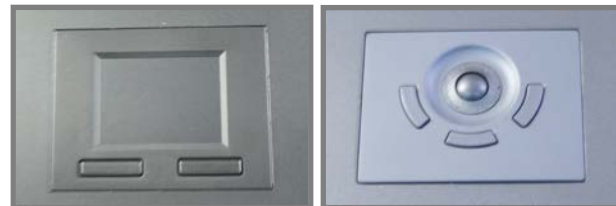
MAC Keyboard / Mouse Options

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	**F1** Decrease display brightness	▶▶ F9	**F9** Fast-forward
☀ F2	**F2** Increase display brightness	🔇 F10	**F10** Mute sound
F3	**F3** Mission control * Only works with OS X Lion default Keyboard Shortcuts.	🔉 F11	**F11** Decrease volume
F4	**F4** Dashboard	🔊 F12	**F12** Increase volume
◀◀ F7	**F7** Rewind	⏏	**Eject disc**
▶❙ F8	**F8** Play / Pause	⌘ command	**Command**

■ Hold the handle and slide out the drawer.

■ Flip up the LCD to a suitable angle

■ Operate the LCD console drawer.
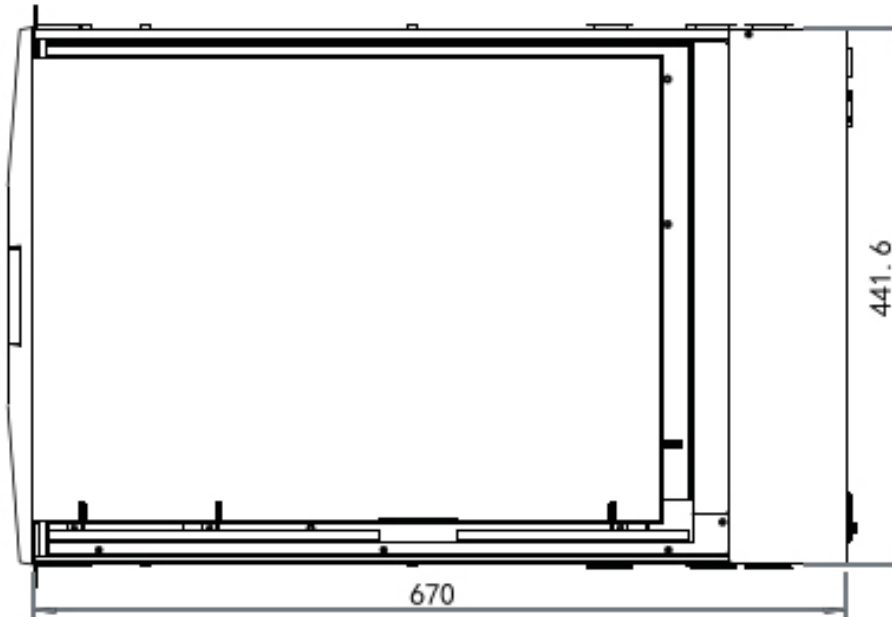

Option - Right Side Open

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

Region	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

PS/2 Servers

USB Servers

PS/2

IF-DPS2
VGA-PS/2 dongle

VGA

IF-DUSB
VGA-USB dongle

USB

VGA

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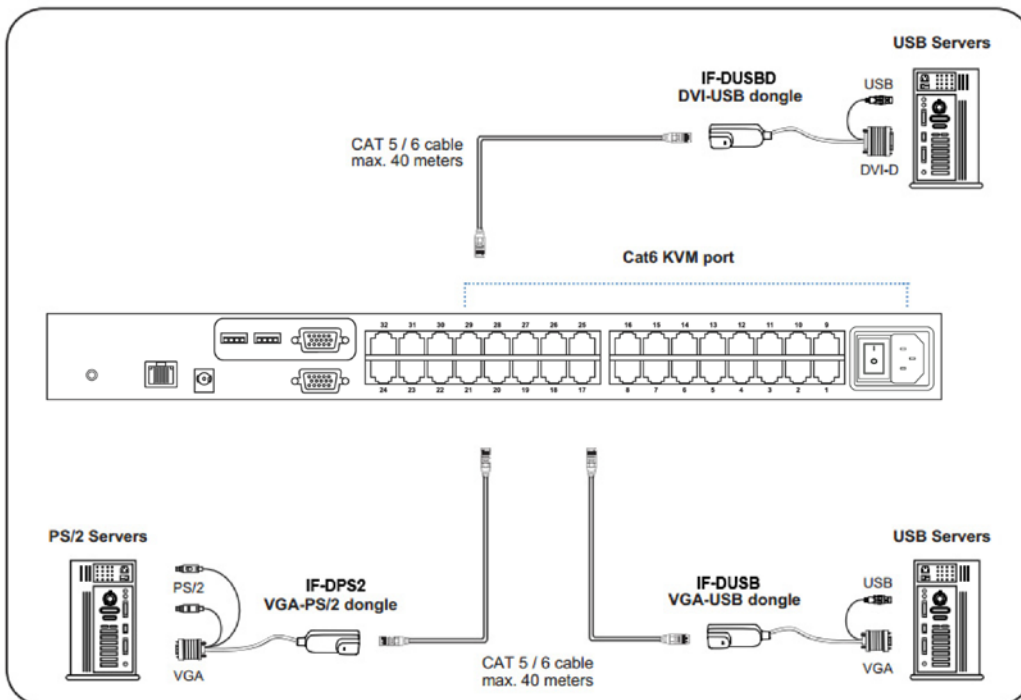
IF-DUSBD DVI-USB dongle
■ To connect DVI-D connector to the computer's video card
■ To connect USB connector to the computer's USB port

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	✔	✔	�’x	✘

* Requires the user to enable showing unsupported resolutions via the target computer's video adapter settings (effectively ignoring the DDC / EDID)

IP & LOCAL CONSOLE CONNECTION
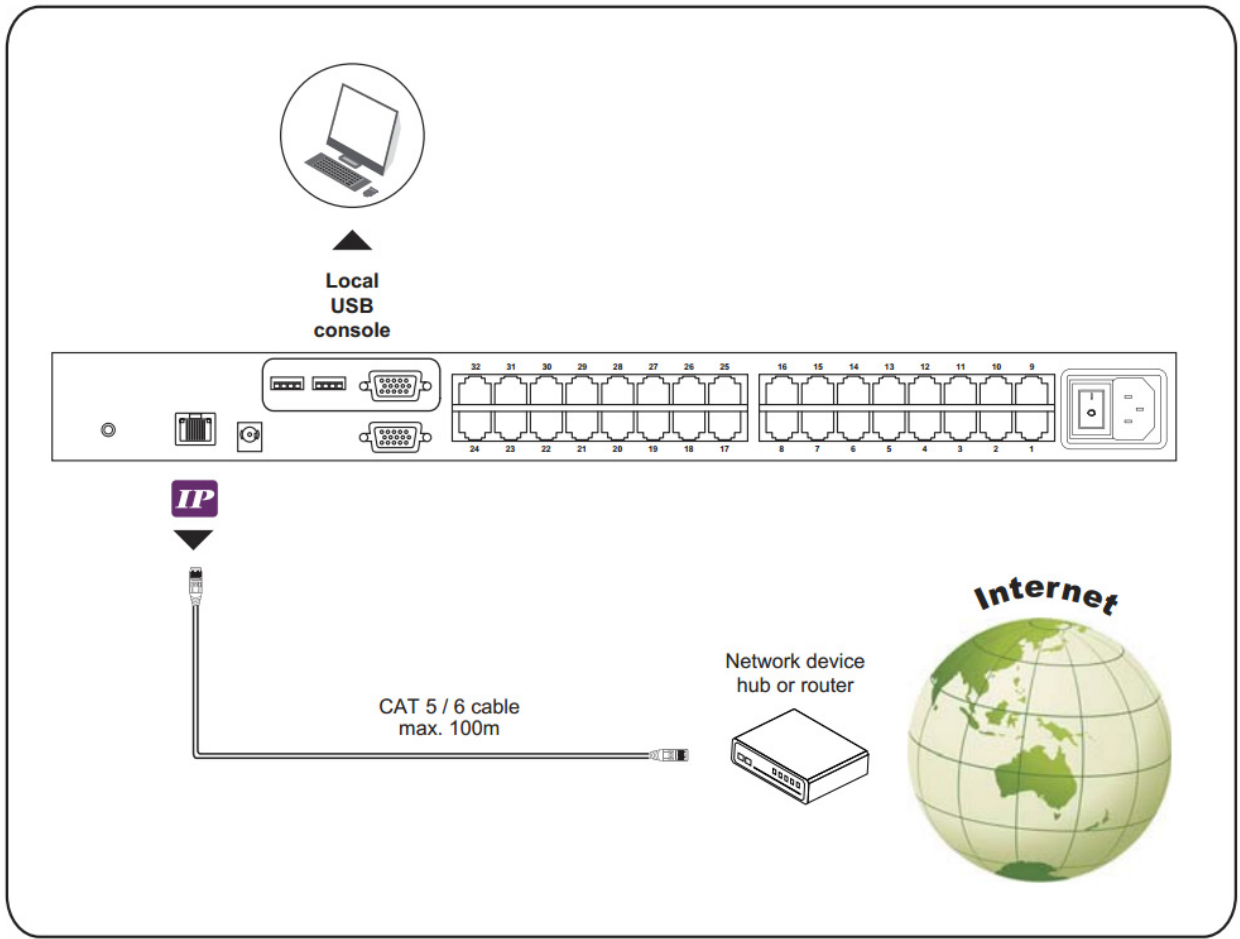
Matrix Cat6 IP KVM Benefits

- ➤ **Combo Cat6 KVM with either 8, 16 or 32 ports in 1U**
- ➤ **Up to 40 meters between your servers & KVM ports**
- ➤ **IP remote access across the world wide web**
- ➤ **Cascade switches up to 8 levels & Mix switches between Cat6 & Combo DB-15 KVM**
- ➤ **Support DVI-USB, VGA-USB & VGA-PS/2 server interface**
- ➤ **Mix PS/2, USB & SUN with Multi-Platform switch capability**

Switch Features & Options

- Multi lingual on screen display menu
- Advanced user profiles and configurable OSD hot key combinations
- Dual power with failover
- 12V, 24V and 48V DC Power options
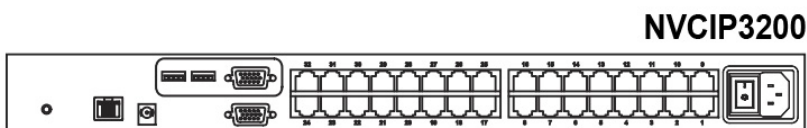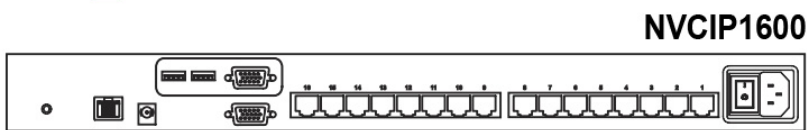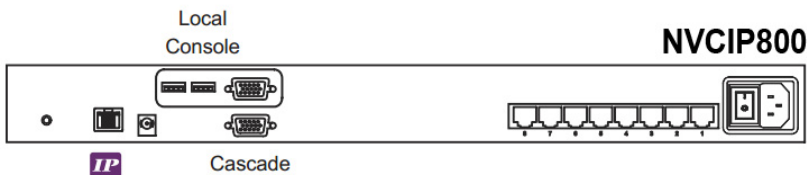
KVM SPECIFICATIONS

■ KVM Port	
Number of ports:	8, 16 or 32
Connector:	RJ-45
Connectivity:	DVI-D / VGA connector dongle up to 40 meters (132 feet) via Cat6 / Cat5 cable
■ Local Console	
Graphic Connector:	1 x DB-15 VGA
Resolution:	Up to 1600 x 1200
Input device:	2 x USB type A for keyboard & mouse
Resolution support:	4:3 - max. 1600 x 1200 16:10 - max. 1440 x 900
■ IP Remote Console	
Connector:	RJ45 Ethernet
User management:	15-user login, 1 x active user
Network protocol:	DHCP / BOOTP / DNS
Security:	SSL v3, RSA, AES, HTTP / HTTPs, CSR
Resolution:	Up to 1600 x 1200
Browser:	IE, Firefox, Safari, Netscape
Resolution support:	4:3 - max. 1600 x 1200
■ **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:	Auto sensing 100 to 240VAC, 50 / 60 Hz OR AC / DC power adapter 12V@3.3A (optional)
Consumption:	Max. 24 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 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 CBC-6 cascade cable

Master KVM

Cascade

To console VGA port

Slave KVM level 2   NVC1600

Slave KVM level 3   NVC1600

Up to Level 8

⚠ Cascaded KVMs from level 2 to 8 must be the models of NVC800 / NVC1600/ NVC3200.

⚠ When multiple combo Cat6 KVMs cascade together, the master KVM at level 1 will take all control of other slave KVM switches (e.g. level 2 to 8).

CBC-6
■ 6ft Combo KVM cascade cable