

# CAT6 KVM

NetView: 1U Rackmount 21" Wide 1920 x 1080 LCD KVM with 104 key notepad MAC keyboard w/ Trackball (b), 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: NVPW1215CIP32Mb**

**FEATURES:**

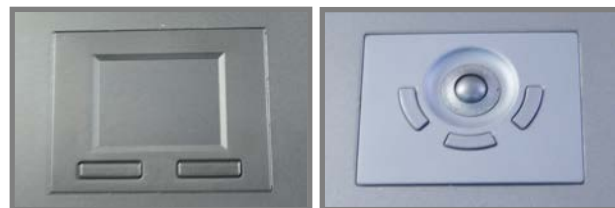
- 1U 21" widescreen LCD console drawer
- Support Full HD with 1080p resolution
- 104-key MAC keyboard with trackball
- New enhanced aesthetics with molded front handle

**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.



**Option - Right Side Open**

## DIMENSION

Front View



Rear View



Side View



UNIT : mm  
1mm = 0.03937 inch

Top View

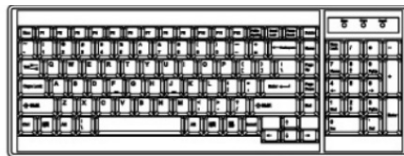


## STANDARD KEYBOARD

e keyboard integrated with touchpad



b keyboard integrated with trackball



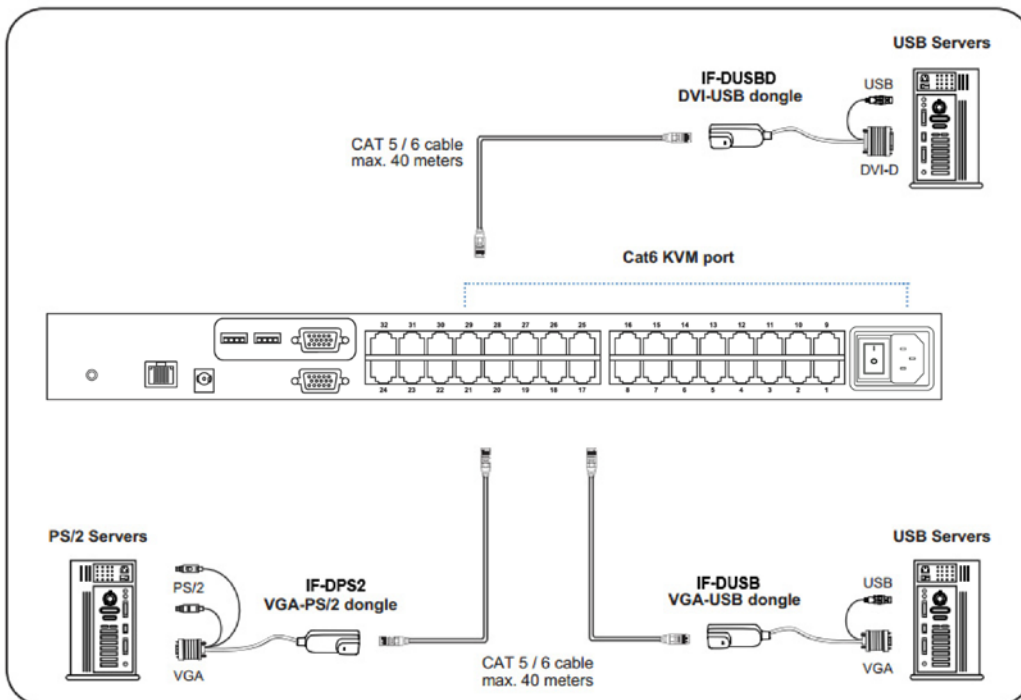
### Supporting layouts

America					
	United States				
EMEA					
	United Kingdom	Germany	France	Spain	Norway
	Italy	Russia	Switzerland	Netherlands	Portugal
Asia	China	Japan	Korea	Arabia	Turkey

## STRUCTURE DIAGRAM



## KVM PORT & CAT6 DONGLE CONNECTION



### 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

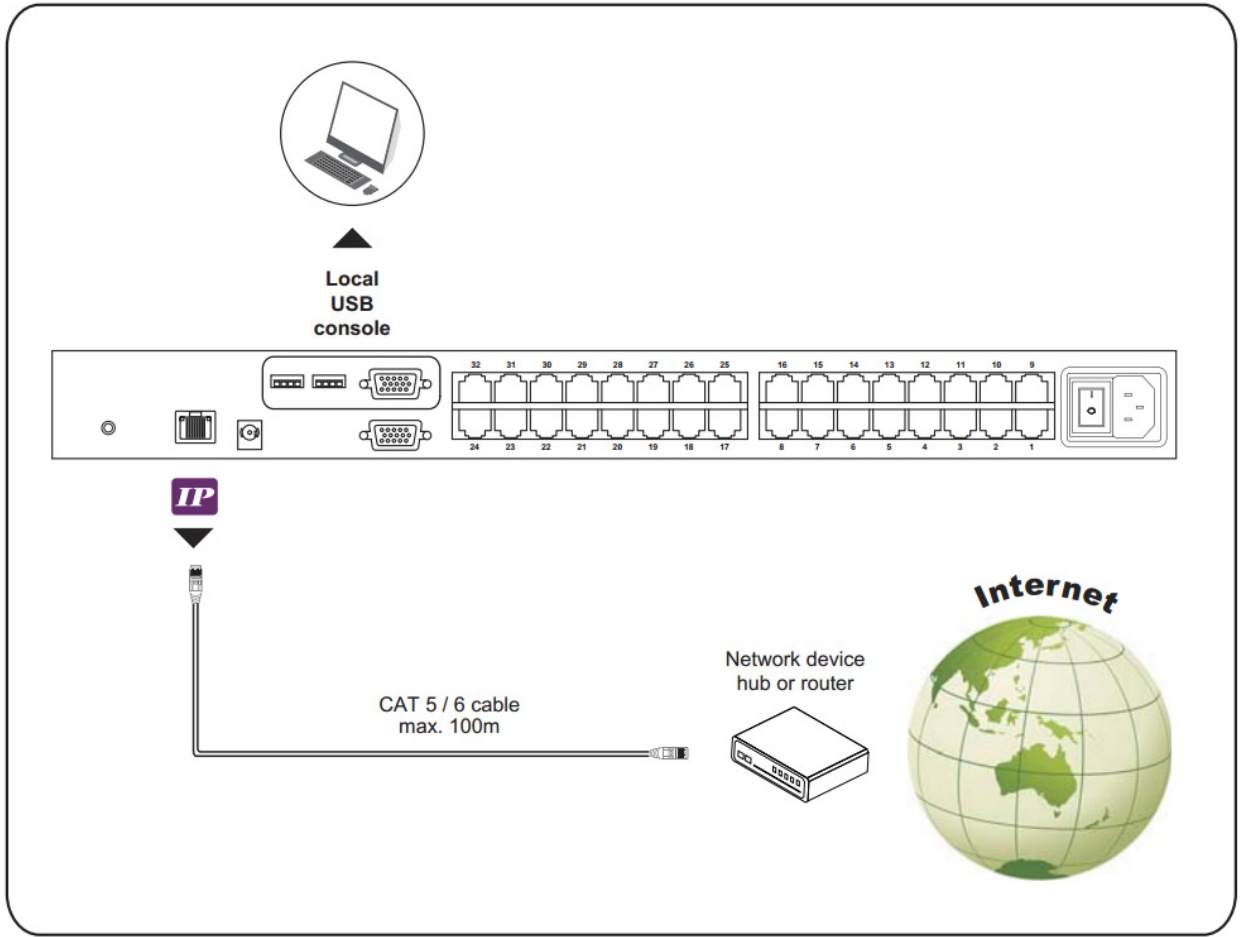
- To connect DB-15 connector to the computer's video card
- To connect PS/2 keyboard connector to the computer's keyboard port
- To connect PS/2 mouse connector to the computer's mouse port



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 & LOCAL CONSOLE CONNECTION

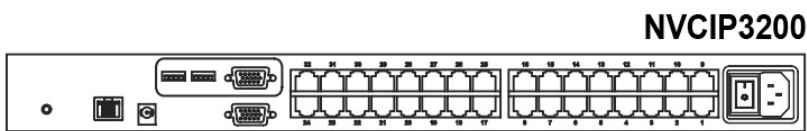
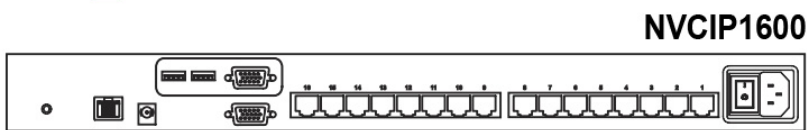
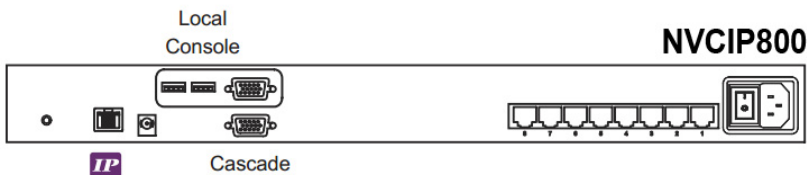


## Matrix Cat6 IP KVM Benefits

- 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

<b>■ KVM Port</b>	
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
<b>■ Local Console</b>	
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
<b>■ IP Remote Console</b>	
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
<b>■ Expansion:</b>	Up to 256 servers by 8-level cascade
<b>■ Compatibility</b>	
Multi-platform:	Mix PCs, SUN and Mac G3 / G4 Mac / iMac
Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix

<b>■ Power</b>	
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
<b>■ Regulatory :</b>	
Safety:	cUL, FCC & CE certified
Environment:	RoHS2 & REACH compliant
<b>■ Environmental</b>	
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)
<b>■ Product Information</b>	
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
<b>■ Packing Information</b>	
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

## KVM CASCADE

- Cascade up to 8 levels, 256 servers
- Cascading multiple KVM with CBC-6 cascade cable

