NVP Series

CAT6 KVM

NetView:1U Rackmount 17" TFT 1280x1024 LCD KVM 104-key keyboard with true optical mouse Integrated with Matrix Cat6,32 KVM Ports + 1 User Via CAT5 Extender + 1 Users Via KVM over IP. Over Depth is 26 Inch. Dongles sold separately

Model: NVP700MC1132e

FEATURES:

- 1U 17" LCD console drawer
- 104-key keyboard with a true optical mouse
- Short depth design of 650mm(26 inch) Deep
- Enhanced aesthetics with molded front handle and two point lock
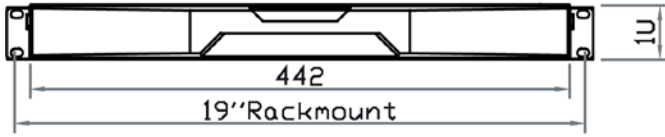- Combo interface either PS/2 or USB for single console drawer

SPECIFICATIONS:

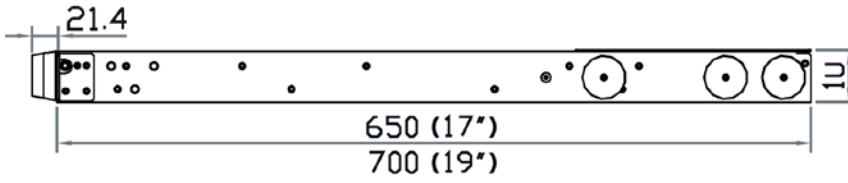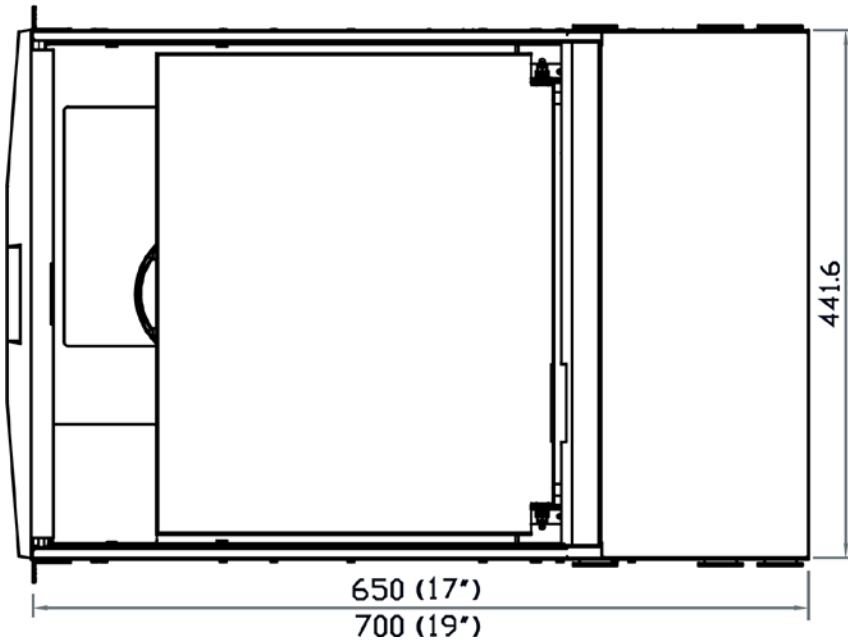| LCD Panel	
Diagonal size	17" TFT
Max. Resolution	1280 x 1024
Brightness (cd/m2)	250
Backlight	CCFL
Colors	16.7M
Contrast Ratio (typ)	1000 : 1
Viewing Angle (H/V)	160° x 160°
Active area (mm)	338 x 270
MTBF (hrs)	50,000
Signal Input	VGA
Casing Color	Black (RAL 9005)
Weight (Single console)	
Net	14.3 kgs (31.5 lbs)
Gross	19.1 kgs (42 lbs)
Environmental	
Operating	0 to 50°C Degree
Storage	-5 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
Power	
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption	Max. 48 Watt, Standby 5 Watt
Product Dimensions (Single console)	
442 x 650 x 44 mm / 17.4 x 18.1 x 1.73 inch	
Packing Dimensions (Single console)	
595 x 860 x 140 mm / 23.4 x 33.9 x 5.5 inch	

DIMENSION

Front View

442
19"Rackmount
1U

Rear View

Power
VGA

UNIT : mm
1mm = 0.03937 inch

Side View

21.4
650 (17")
700 (19")
1U

Top View

441.6
650 (17")
700 (19")

STANDARD KEYBOARD

G G keyboard

Wired mini USB optical mouse

Wireless USB optical mouse
(Option)

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	⑤	Membrane switch (KVM option)
②	Installation Slide	⑥	Mini USB optical mouse
③	LCD membrane ∧ ∨ < > ☰ ↺ ⏻	⑦	Keyboard interchangeable module kit
④	Microswitch	⑧	Carry handle to release the 2-pt lock
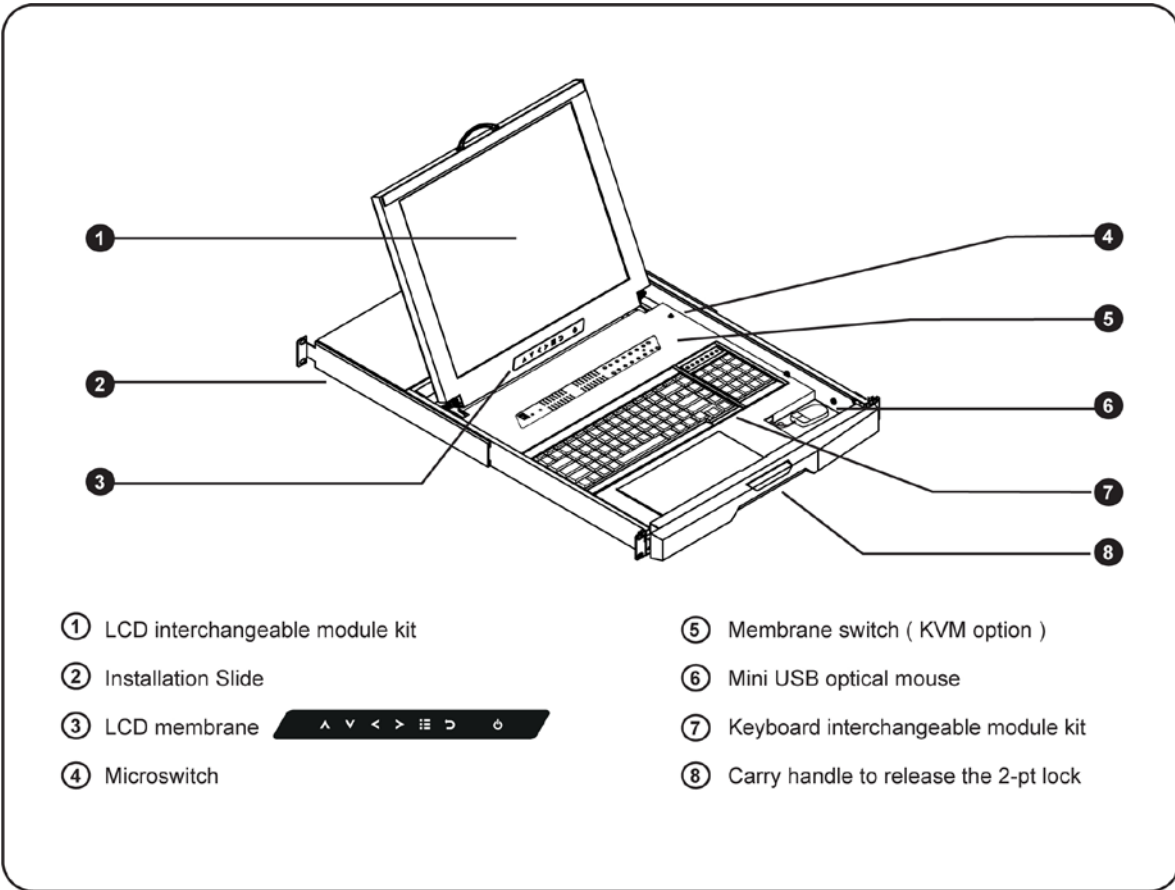
KVM PORT & CAT6 DONGLE CONNECTION
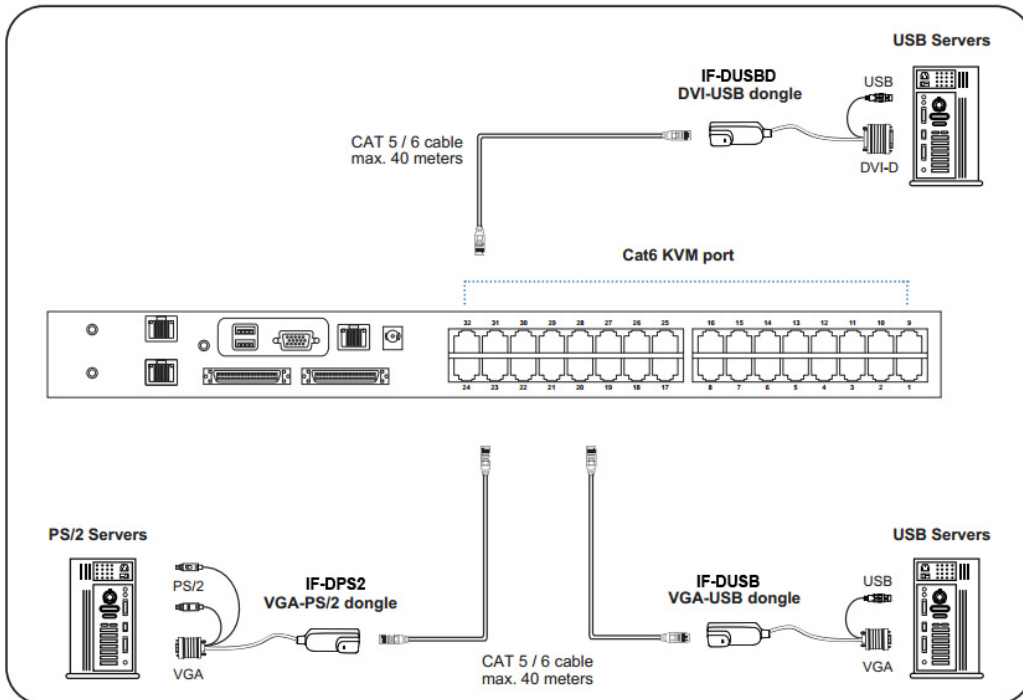
IF-DUSBD DVI-USB dongle
■ To connect DVI-D connector to the computer's video card
■ To connect USB connector to the computer's USB port

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, 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
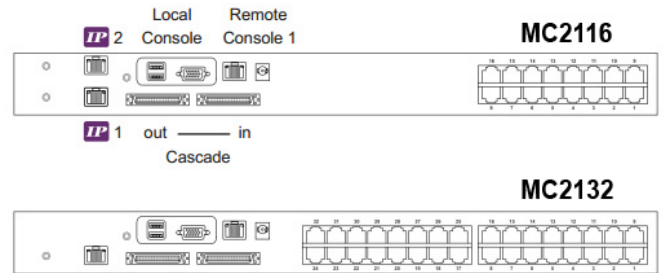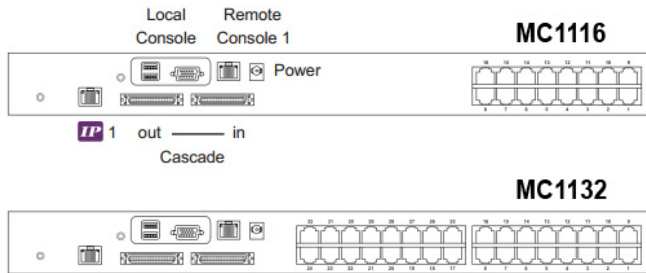
KVM SPECIFICATIONS

■ 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