1U Rack Mount KVM Switches

NVP Series

DB-15 KVM

NetView:1U Rackmount 24" Wide 1920 x 1200 LCD KVM with 104 key notepad Sun Compatible Keyboard w/ Touchpad (e), Integrated with Matrix DB-15,8 KVM Ports + 1 User Via CAT5 Extender + 1 Users Via KVM over IP. Over Depth is 31.5 Inch. Dongles sold separately

Model: NVPW1240M118Se

FEATURES:

- **1U 24" widescreen LCD console drawer**
- **Support 1920 x 1200 native WUXGA Ultra high resolution**
- **PIP & Picture by Picture viewing efficiency**
- **104-key notepad SUN Compatible 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	*24.1" widescreen TFT*
Max. Resolution	*1920 x 1200*
Brightness (cd/m2)	*300*
Backlight	*LED*
Colors	*16.7M*
Contrast Ratio (typ)	*1000 : 1*
Viewing Angle (H/V)	*178° x 178°*
Active area (mm)	518 x 324
MTBF (hrs)	*30,000*
Casing Color	*Black (RAL 9005)*
Weight (Single console	
Net	15.3 kgs / 33.7 lbs
Gross	19.5 kgs / 42.9 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. 40 Watt, Standby 5 Watt*
Product Dimensions (Single console)	
Product	441.6 x 700 x 44 mm / 17.4 x 27.6 x 1.73 inch
Packing	595 x 910 x 140 mm / 23.4 x 35.8 x 5.5 inch

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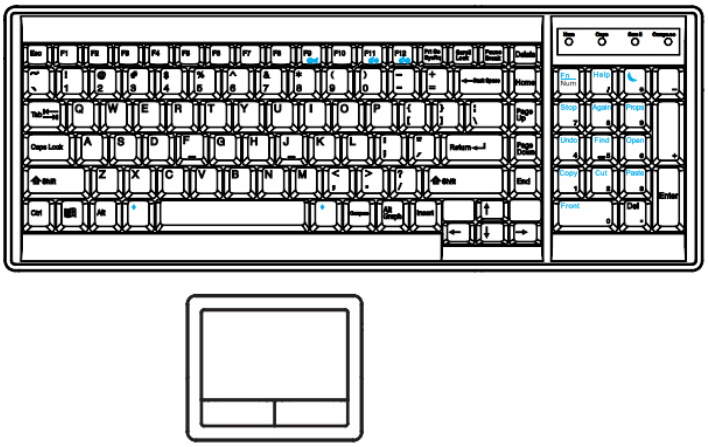
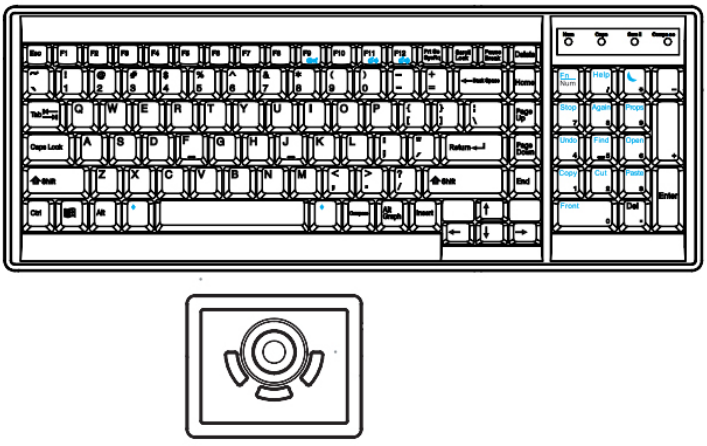
SUN Keyboard / Mouse Options

Se SUN keyboard integrated with touchpad



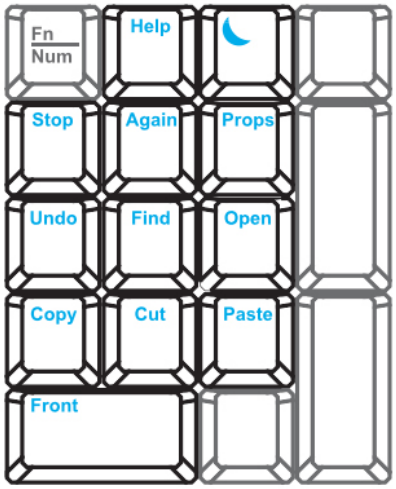
Sb SUN keyboard integrated with trackball



SUN keyboard integrated with touchpad/trackball

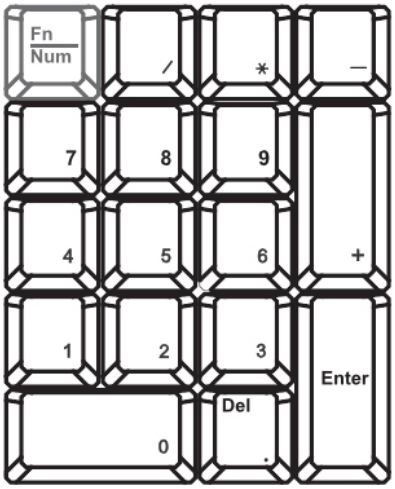
- **Incorporates SUN keys, including Stop, Cut, Paste, Compose, Copy and Help**
- **104 key notepad keyboard with full numerical pad and SUN function**
- **USB interface**
- **US layout only**

How to Use "SUN" Keyboard



Num LED in Off mode

Key pad behaves as a SUN Solar system administration command mode

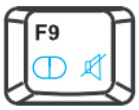


Num LED in Green mode

Key pad behaves as a normal key pad mode

Audio / Display Keys

*** Please ask your supplier for full details**



F9
Audio : Mute
Display : Degauss

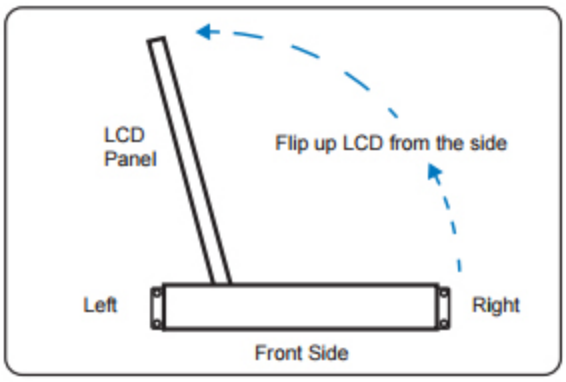
F11
Audio : Decrease volume
Display : Decrease contrast

F12
Audio : Increase volume
Display : Increase contrast

■ Hold the handle and slide out the drawer.

■ Flip up the LCD to a suitable angle

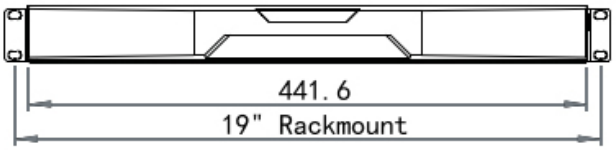
■ Operate the LCD console drawer.



Option - Right Side Open

DIMENSION

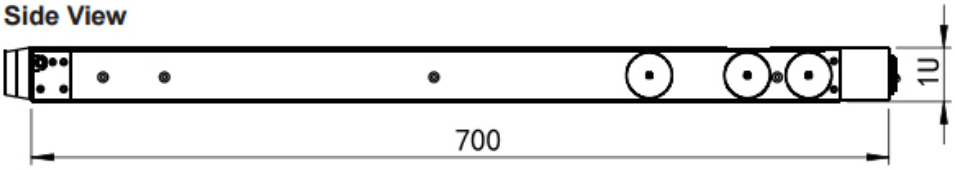
Front View



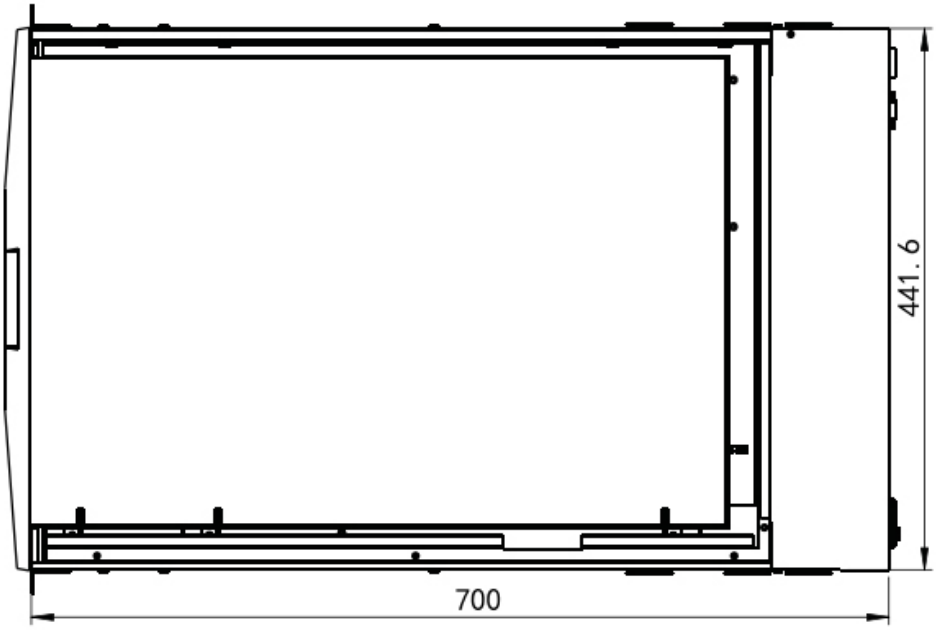
Rear View

UNIT : mm
1mm = 0.03937 inch

Side View

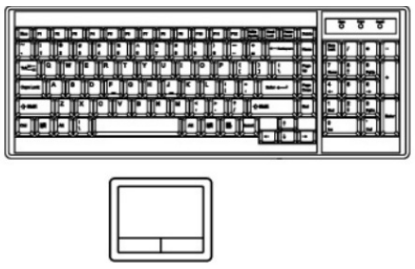


Top View

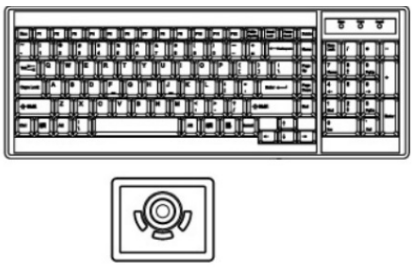


STANDARD KEYBOARD

e keyboard integrated with touchpad



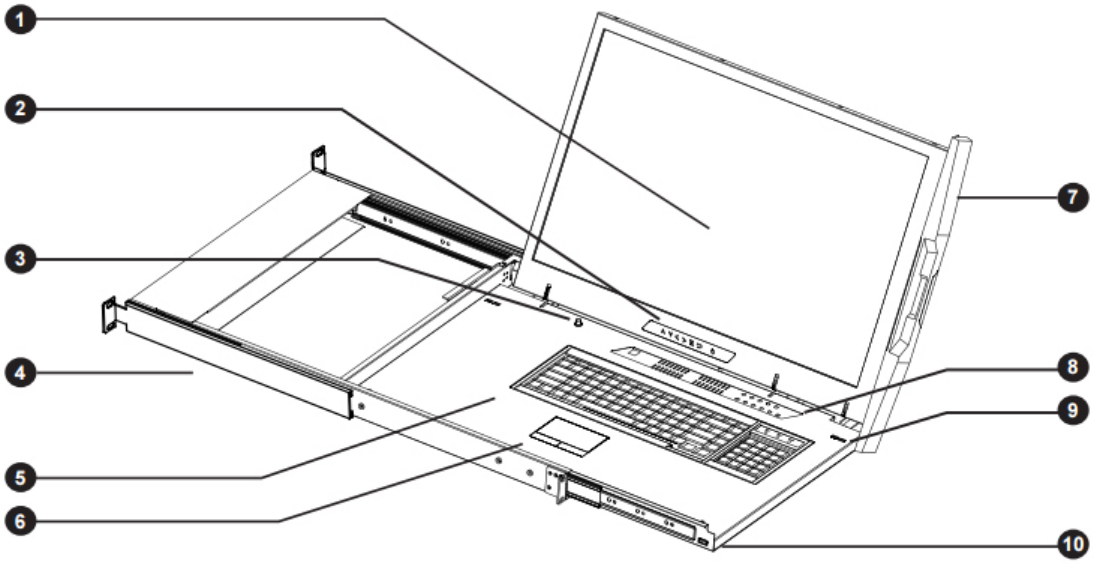
b keyboard integrated with trackball



Supporting layouts

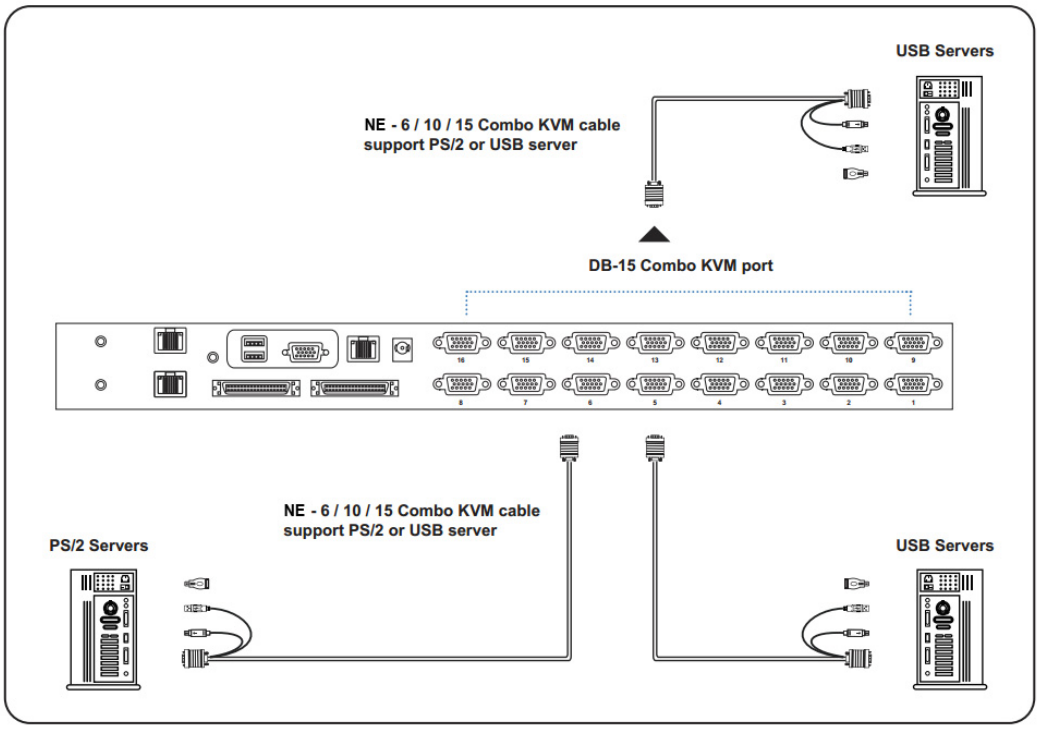
America	United States					
EMEA	United Kingdom	Germany	France	Spain	Norway	
	Italy	Russia	Switzerland	Netherlands	Portugal	
Asia	China	Japan	Korea	Arabia	Turkey	

STRUCTURE DIAGRAM



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 CONNECTION



NE-6 / NE-10 / NE-15

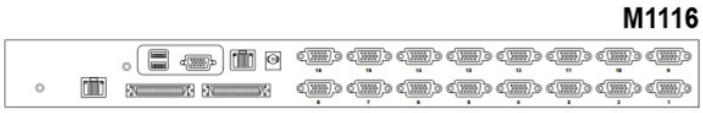
- 6 / 10 / 15 ft Combo KVM cable
- Support PS/2 or USB server

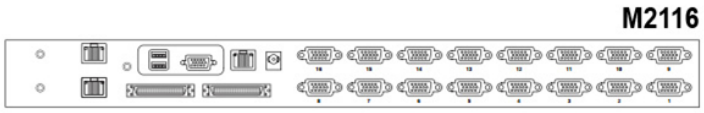
Matrix DB-15 IP KVM Benefits

- **Secure IP remote user access across the world wide web**
- **Efficient system management with simultaneous multi-user access**
- **Support resolution up to 1920 x 1080**
- **SUN 1152 x 900 resolution compatible**
- **Multi-platform servers shared by different consoles in cascade connection**
- **Mix PS/2, USB & SUN with Multi-Platform switch capability**
- **Extended Cat6 cord remote access up to 150 meters**
- **Provide a diversity of consoles to access servers independently & simultaneously**

Switch Features & Options

- Mix legacy PS/2 servers with newer USB and SUN solutions
- 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



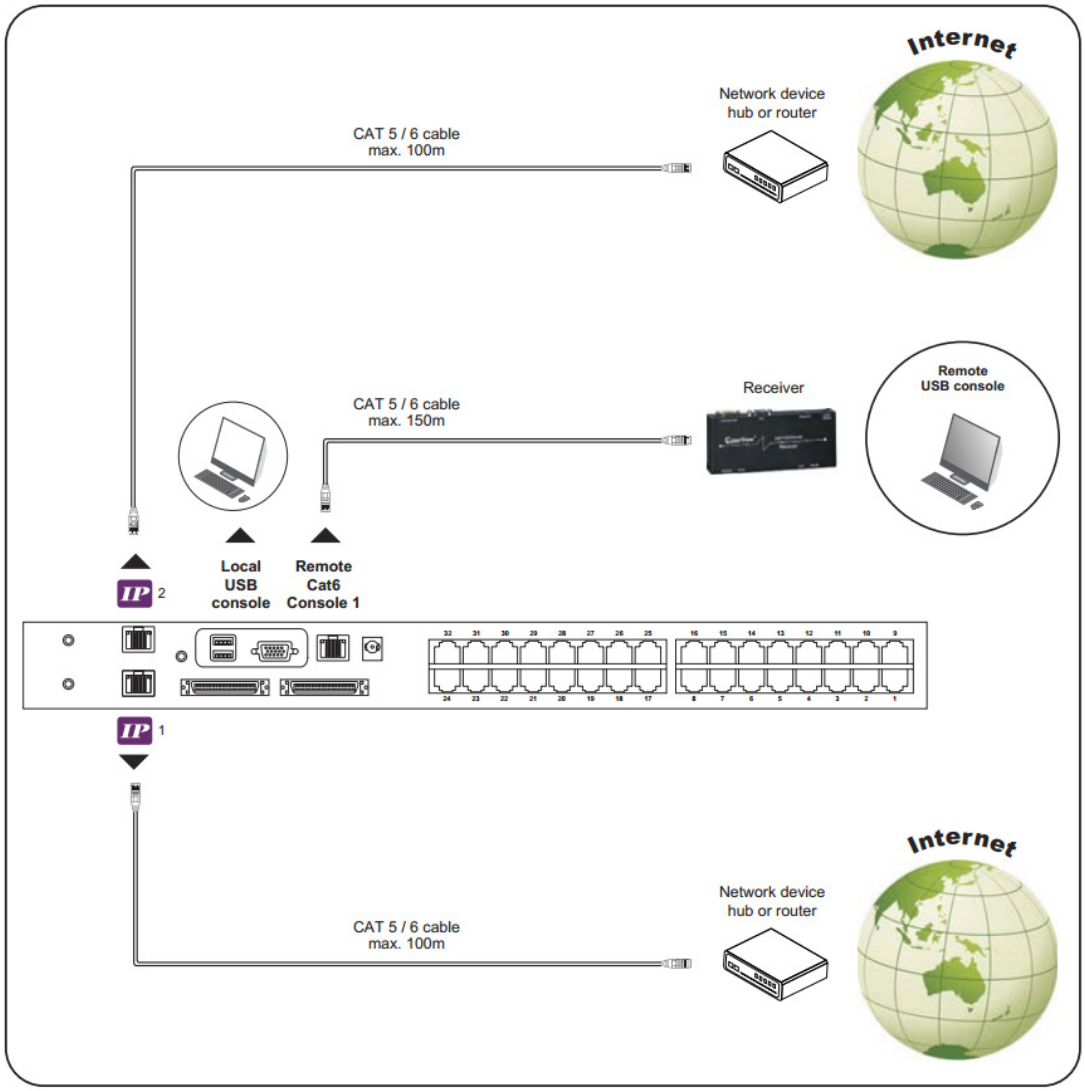


KVM SPECIFICATIONS

■ KVM Port	
Number of ports:	8 or 16
Connector:	DB-15 combo connector
Connectivity:	Combo 4-in-1 KVM cable up to 6, 10 & 15 feet
■ Local Console	
Monitor port:	1 x DB-15 VGA (Up to 1920 x 1080 /1920 x 1200)
Keyboard & mouse port:	2 x USB type connector for keyboard & mouse
■ CAT6 Remote Console	
Number of remote port:	1
Monitor port:	DB15-pin VGA (Up to 1600 x 1200)
Keyboard & mouse port:	2 x USB type connector for keyboard & mouse
Remote I/O:	RJ45 via Cat5 / Cat5e / Cat6 cable up to 500 feet
■ IP Remote Console	
Number of IP console:	1 for M118 / M1116 2 for M218 / M2116
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
■ Expansion	Up to 240 servers by 8-level cascade

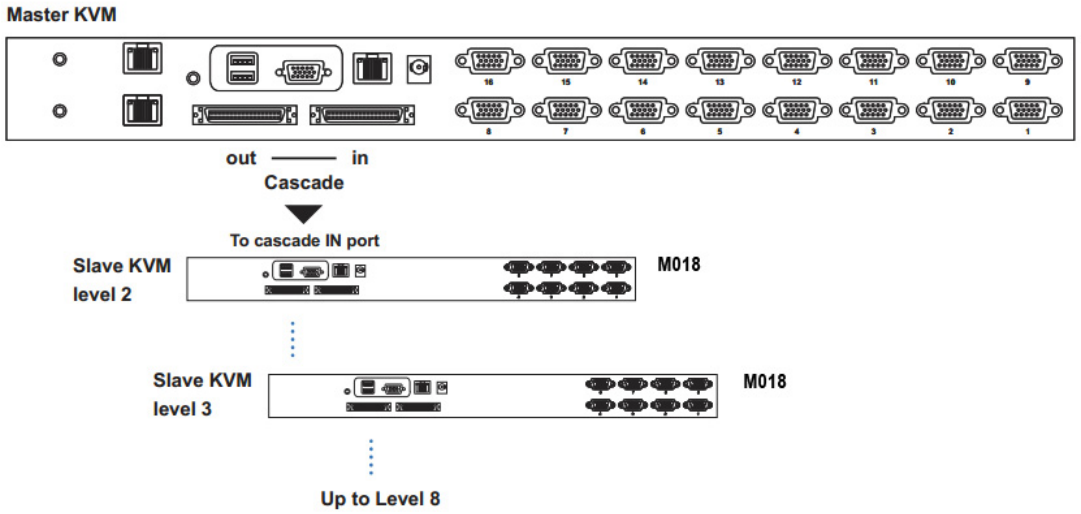
■ Compatibility	
Multi-platform:	Mix PCs, SUN and Mac G3 / G4 Mac / iMac
Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix
■ Power	
Input:	AC power adapter
Consumption:	Max. 48 Watt, Standby 5 Watt
■ Regulatory :	
Safety:	cUL, FCC & CE certified
Environment:	RoHS2 & REACH compliant
■ Environmental	
Operating:	0 to 50°C
Storage:	-5 to 60°C
Relative humidity:	90%, non-condensing
Shock:	50G peak acceleration (11ms, half-sine 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 x 400 x 90 mm / 19.7 x 15.7 x 3.5 inch
Gross weight:	5 kg / 11 lb

IP, REMOTE & LOCAL CONSOLE CONNECTION



KVM CASCADE

- Cascade up to 8 levels, 240 servers
- Cascading multiple KVM with CMC-8 cascade cable



Cascaded KVMs from level 2 to 8 must be the models of M018 / M0116 or MC0116 / MC0132.

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