NW Series

CAT6 KVM

NetView: 1U Rackmount 19" Wide 1440 x 900 LCD KVM with 104 key notepad keyboard w/ Trackball (b), Integrated with Matrix Cat6,16 KVM Ports + 3 User Via CAT5 Extender + 0 Users Via KVM over IP. Over Depth is 18.1 Inch. Dongles sold separately

Model: NW119MC0316b

FEATURES:

- 1U 19" widescreen LCD console drawer
- 104-key keyboard with either touchpad or trackball
- Green LED-backlit panel technology
- New enhanced aesthetics with molded front handle
- Short depth design of 580mm (18.1") only
- 2 post rack mounting available

SPECIFICATIONS:

| LCD Panel	
Diagonal size	19" widescreen TFT
Max. Resolution	1440 x 900
Brightness (cd/m2)	250
Backlight	LED
Colors	16.7 M
Contrast Ratio (typ)	1000 : 1
Viewing Angle (H/V)	160° x 160°
Active area (mm)	408 x 255
MTBF (hrs)	30,000
Signal input	VGA or DVI-D
Casing Color	Black (RAL 9005)
Weight (Single console	
Net	11.5 kgs (25 lbs)
Gross	16.3 kgs (36 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)	
Product	441.6 x 460 x 44 mm / 17.4 x 18.1 x 1.73 inch
Packing	590 x 808 x 140 mm / 23.2 x 31.8 x 5.5 inch
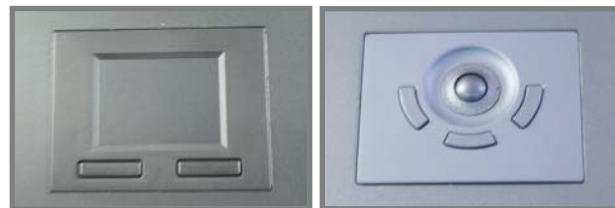
■ Hold the handle and slide out the drawer.

■ Flip up the LCD to a suitable angle

■ Operate the LCD console drawer.

DIMENSION:

Front View
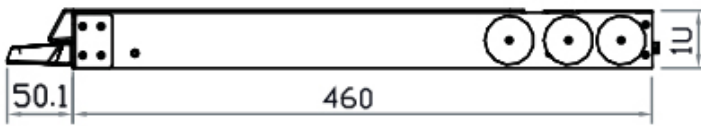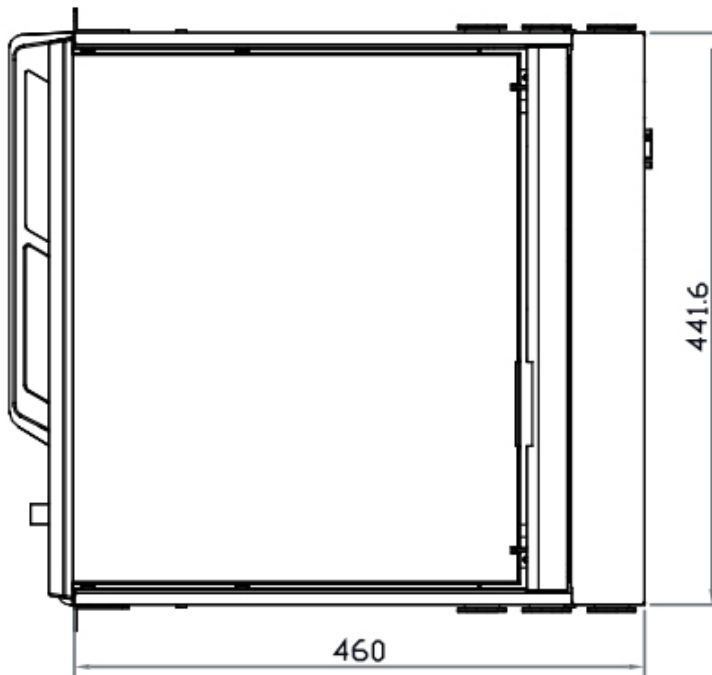
441.6

19"Rackmount

1U

Rear View

DVI-D
VGA
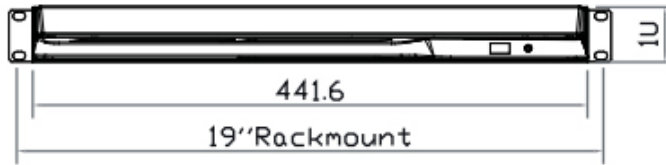
UNIT : mm
1mm = 0.03937 inch

Side View

50.1   460   1U

Top View

441.6

460

STANDARD KEYBOARD

| e | **e** keyboard integrated with touchpad |

| b | **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 Installation Slides

③ LCD membrane   ∧ ∨ < > ≡ ↺ 🔊

④ Membrane switch (KVM option)

⑤ Micro switch for screen auto power off

⑥ Audio speaker (for SDI or HDMI option)

⑦ Keyboard interchangeable module kit

⑧ Mouse interchangeable module kit

⑨ Blue Power LED

⑩ Front USB port for device access (USB Hub KVM only)

⑪ Molded front handle
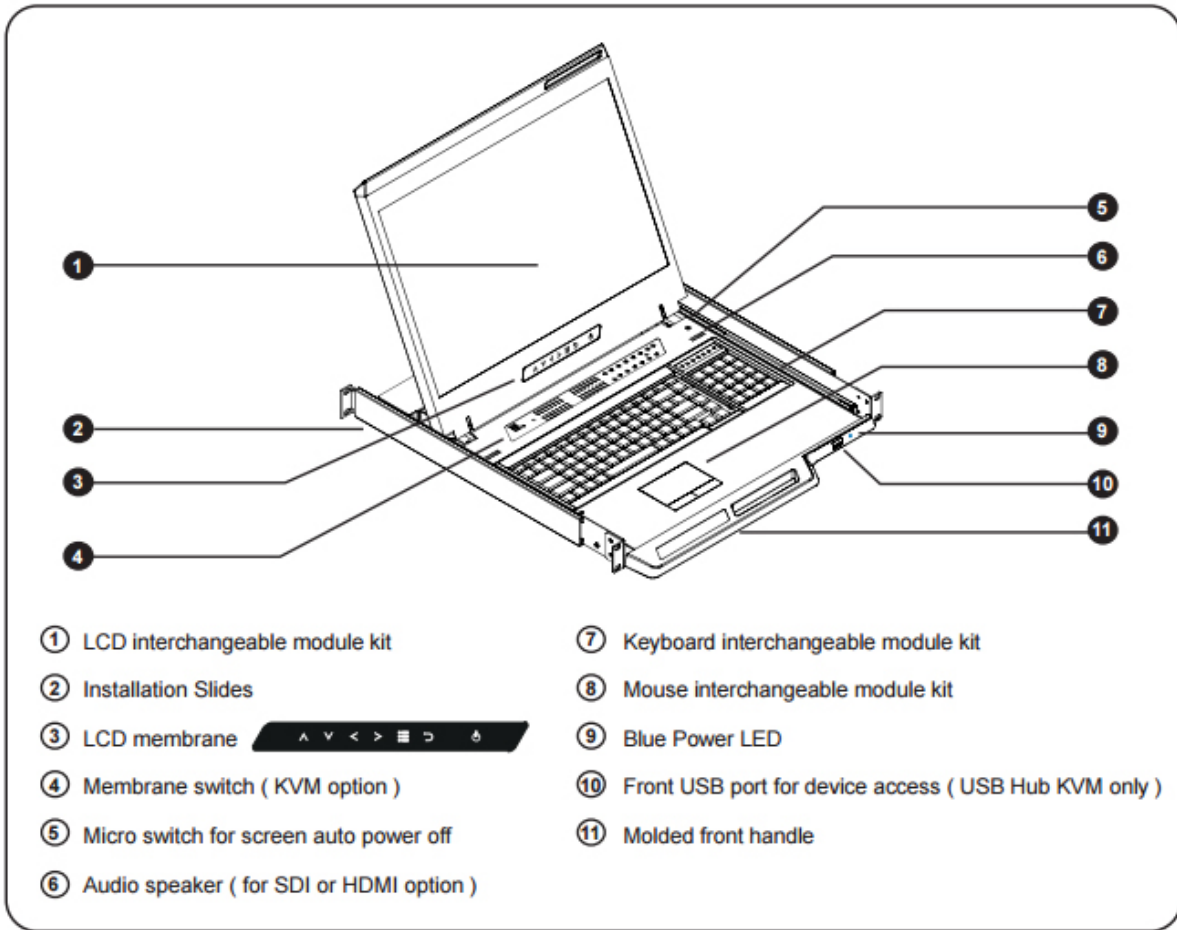
KVM PORT & CAT6 DONGLE CONNECTION

USB Servers

IF-DUSBD DVI-USB dongle

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)

## LOCAL CONSOLE & REMOTE CONSOLE CONNECTION
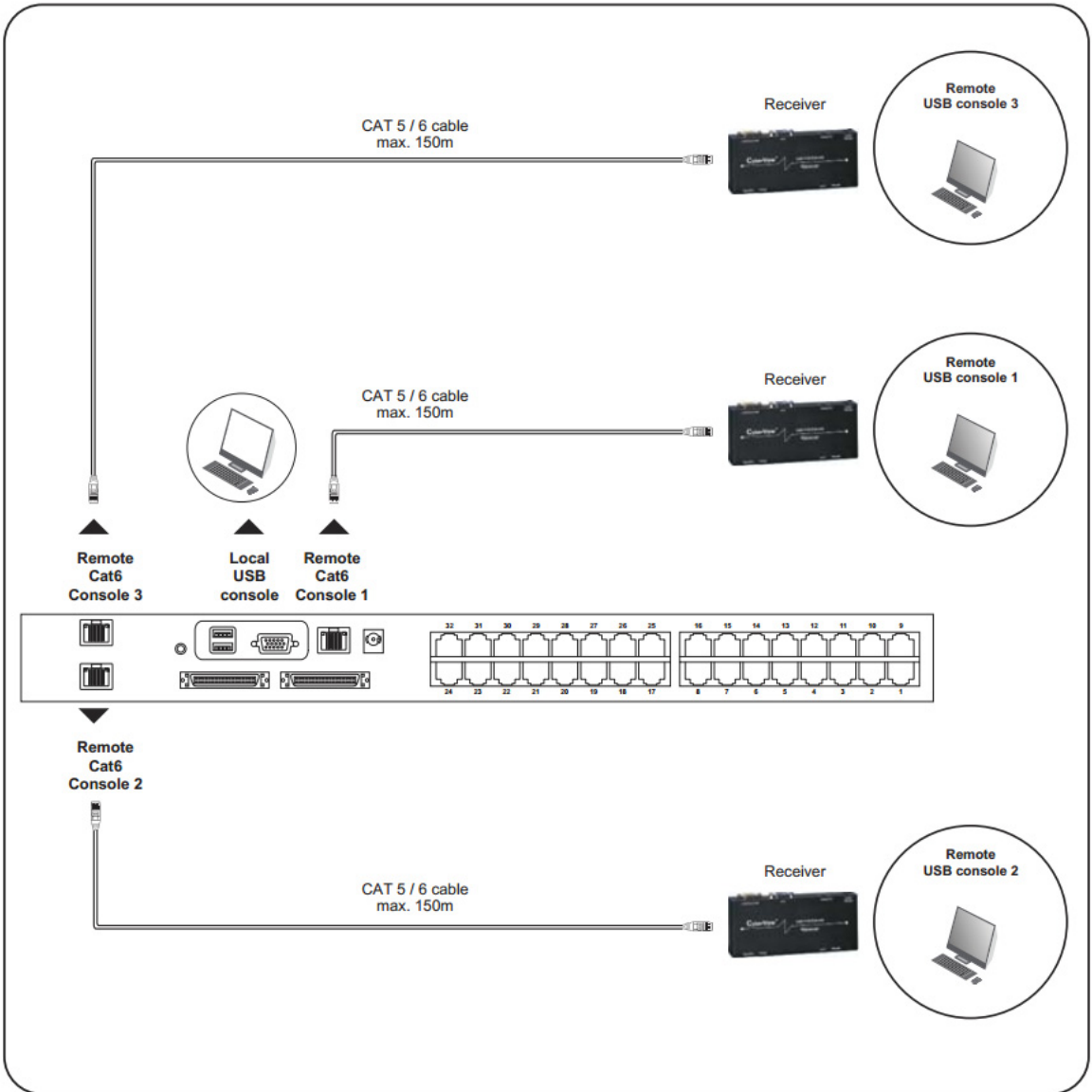
Matrix Cat6 KVM Benefits

➢ **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**
➢ **Increased distance of 40m between your server & KVM**
➢ **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
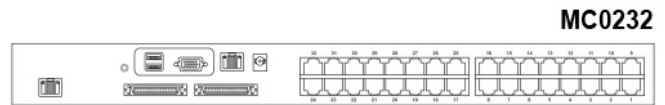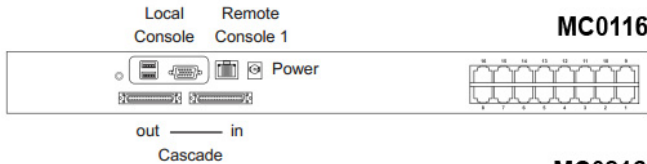
KVM SPECIFICATIONS

■ 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:	1 x DB15-pin VGA, up to 1600 x 1200
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 for MC0116 / MC0132 2 for MC0216 / MC0232 3 for MC0316 / MC0332
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
Resolution support:	4:3 -max. 1600x1200 16:10-max. 1440x900
■ 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

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