SDR Series

CAT6 KVM

SOLARIS®

1U Sun Compatible 19" Dual Slide 1280x1024 LCD Console Drawer with 104 key notepad keyboard w/ Touchpad (e), Integrated with Matrix Cat6,16 KVM Ports + 1 User Via CAT5 Extender + 2 Users Via KVM over IP. Over Depth is 26 Inch. Dongles sold separately

Model: SDR119MC2116e

FEATURES:

- 1U dual slide 19" LCD console drawer
- Direct Support for SUN Micro 1280 x 1024 native resolution
- 104-key keyboard with touchpad
- Enhanced aesthetics with new molded front panel and two point lock
- Short depth design of 650mm(26 inch) Deep

SPECIFICATIONS:

| LCD Panel	
Diagonal size	19" TFT
Max. Resolution	1280 x 1024 (Native)
Brightness (cd/m2)	250
Backlight	CCF
Colors	16.7M
Contrast Ratio (typ)	1000 : 1
Viewing Angle (H/V)	160° x 160°
Active area (mm)	376 x 301
MTBF (hrs)	50,000
Casing Color	Black (RAL 9005)
Weight (Single console	
Net	13.2 kgs (29 lbs)
Gross	19 kgs (41.8 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
Power	
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption	Max. 48 Watt, Standby 5 Watt
Product Dimensions (Single console)	
Product	441.6 x 650 x 44 mm / 17.4 x 25.6 x 1.73 inch
Packing	595 x 860 x 140 mm / 23.4 x 33.9 x 5.5 inch
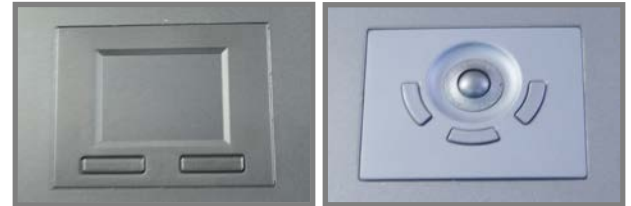
■ Press the handle button and gently slide out the drawer..

■ Flip up the LCD to a suitable angle.
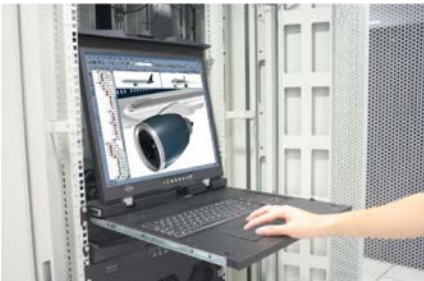
■ Operate the LCD console drawer.

■ Flip down the front panel.

■ Press the handle button and gently push back the drawer into the rack.

■ Return the LCD console drawer to park position.

DIMENSION

Front View

441.6
19"Rackmount

1U

Rear View

Power

DVI-D

VGA

Side View

21.4

650

1U

UNIT : mm
1mm = 0.03937 inch

Top View

441.6

650

STANDARD KEYBOARD

e keyboard integrated with touchpad

Supporting layouts

America

United States

STRUCTURE DIAGRAM

① Carry handle to release the 2-pt lock

② LCD interchangeable module kit

③ Installation Slides

④ LCD membrane · ⊙ ◆ ◆ ◆ ◆ ◆ M ⌐

⑤ Membrane switch (KVM option)

⑥ Keyboard interchangeable module kit

⑦ Touchpad mouse module

⑧ 1U dual slide for LCD console drawer

KVM PORT & CAT6 DONGLE CONNECTION

USB Servers

IF-DUSBD DVI-USB dongle
USB

CAT 5 / 6 cable max. 40 meters

DVI-D

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

USB Servers

IF-DUSB VGA-USB dongle
USB

CAT 5 / 6 cable max. 40 meters

VGA
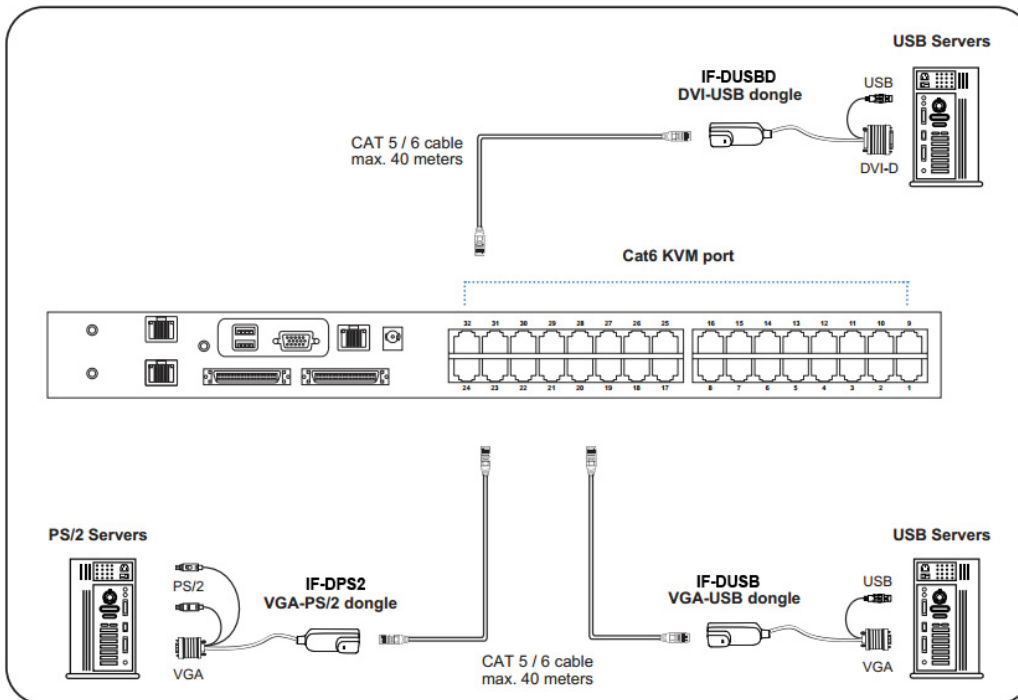
IF-DUSBD DVI-USB dongle
■ To connect DVI-D connector to the computer's video card
■ To connect USB connector to the computer's USB port

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

| Cat6 Dongle | EDID | Resolutions Capable | | | |
| | Resolution | 4:3 | | | 16:10 |
	Hard-coded	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
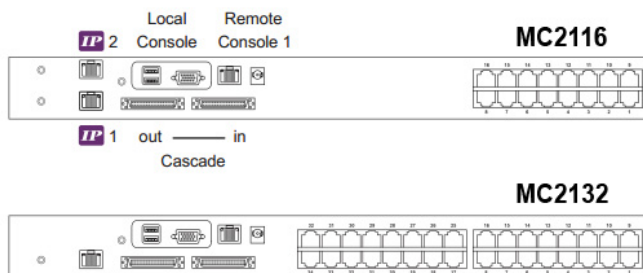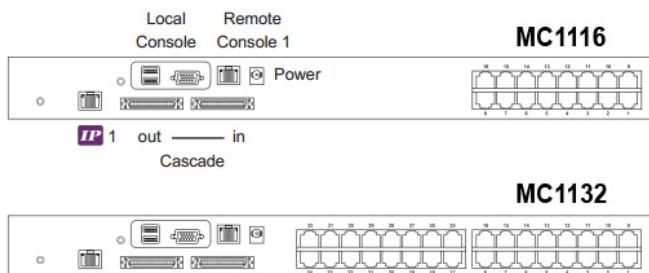
KVM SPECIFICATIONS

■ 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