



### Benefits

- ▶ 1U 16.2" LCD console drawer
- ▶ 1920 x 1200 **WUXGA** native resolution / 16.7M colors ( 8-bit )
- ▶ HDMI 1.4 + DVI-D + VGA video input / USB KB / MS
- ▶ 104-key keyboard with either touchpad or trackball
- ▶ Short depth design of 480mm
- ▶ One Man installation design
- ▶ New enhanced aesthetics with molded front handle
- ▶ 2-year standard warranty ( upgradable up to 5 years )

### Options

- Front USB hub port for device access
- 3G / HD / SD-**SDI** Broadcast-grade input
- Audio input & output
- 2-post rack mounting brackets ( **ORB-2.1** )
- DC power : 12V / 24V / 48V / 125V
- MAC or SUN Micro keyboard options available

## Product Specifications

### Console Port

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Video input                     | HDMI 1.4 + DVI-D single link + VGA  |
| KB / MS                         | USB interface                       |
| VGA console 6ft cable : CB-6A   | Drawer end : DB-15 + USB type A x 2 |
| or                              | Server end : DB-15 + USB type A x 2 |
| DVI-D console 6ft cable : CX-6A | Drawer end : DVI-D + USB type A x 2 |
|                                 | Server end : DVI-D + USB type A x 2 |

### LCD Panel

|                                  |                          |
|----------------------------------|--------------------------|
| Panel size ( diagonal )          | 16.2"                    |
| Native resolution                | 1920 x 1200              |
| Brightness ( cd/m <sup>2</sup> ) | 300                      |
| Contrast ratio ( typ. )          | 800 : 1                  |
| Colors                           | 16.7 M, 8-bit            |
| Viewing angle ( L/R/U/D )        | 89/89/89/89              |
| Response time ( ms )             | 30                       |
| Dot pitch ( mm )                 | 0.191                    |
| Display area ( mm )              | 343.8H x 214.9V          |
| Surface treatment                | Anti-glare, Hard-coating |
| Surface hardness                 | 3H                       |
| Backlight type                   | LED                      |
| MTBF (hrs)                       | 20,000                   |

### Physical

|                       |                                 |  |
|-----------------------|---------------------------------|--|
| Product ( W x D x H ) | Single console                  | 442 x 480 x 44 mm<br>17.4 x 18.9 x 1.73 inch |
|                       | Console w/ KVM                  | 442 x 580 x 44 mm<br>17.4 x 22.8 x 1.73 inch |
| Packing ( W x D x H ) | Single console / Console w/ KVM | 590 x 808 x 140 mm<br>23.2 x 31.8 x 5.5 inch |
|                       |                                 |  |
| Net weight            | Single console                  | 10.9 kg / 24 lb                              |
|                       | Console w/ KVM                  | 12.1 kg / 26.6 lb                            |
| Gross weight          | Single console                  | 15.8 kg / 34.8 lb                            |
|                       | Console w/ KVM                  | 18.1 kg / 39.8 lb                            |

\* All dimensions stated are subject to change if options are selected / integrated to base model part codes

### Mounting Distance

|                       |                                  |
|-----------------------|----------------------------------|
| Single console drawer | 490 ~ 720 mm<br>19.3 ~ 28.3 inch |
| Console w/ KVM drawer | 490 ~ 800 mm<br>19.3 ~ 31.5 inch |

### Audio Option

|         |                          |                   |
|---------|--------------------------|-------------------|
| Input   | Connector                | 3.5mm stereo jack |
|         | Impedance / Power level  | 30kΩ / 750mV      |
| Output  | Connector                | 3.5mm stereo jack |
|         | Resistance / Power level | 30kΩ / 2.8V       |
| Speaker | Dual stereo              | 2W x 2            |

### Power

|                             |                                       |                     |
|-----------------------------|---------------------------------------|---------------------|
| Input                       | Auto-sensing 100 to 240VAC, 50 / 60Hz |                     |
| Consumption (console / KVM) | Screen on                             | Max. 34W / Max. 59W |
|                             | Power saving mode                     | Max. 4W / Max. 29W  |
|                             | Power button off                      | Max. 1W / Nil       |

### Environment

|                        |                                    |
|------------------------|------------------------------------|
| Operating temp.        | 0 to 55°C degree                   |
| Storage temp.          | -20 to 60°C degree                 |
| Operating humidity     | 20~90%, non-condensing             |
| Storage humidity       | 5 ~90%, non-condensing             |
| Operating altitude     | 16,000 ft                          |
| Non-operating altitude | 40,000 ft                          |
| Shock                  | 10G acceleration ( 11ms duration ) |
| Vibration              | 10~300Hz 0.5G RMS random vibration |

### Compliance

|             |                         |
|-------------|-------------------------|
| EMC         | FCC & CE certified      |
| Safety      | CE / LVD certified      |
| Environment | RoHS3 & REACH compliant |

# X117 models w/ KVM

\*\* Resolution related to LCD specification

\* **IP** console upgrade option for resolution support 1920 x 1080

|               |           |               |               |
|---------------|-----------|---------------|---------------|
| <b>2K KVM</b> | <b>IP</b> | <b>Remote</b> | <b>8-port</b> |
|               | 0         | 0             | X117 - 801D   |

**2K KVM Cable**



CH - 6D (6 ft)  
DVI-D KVM cable




CH - 6H (6 ft)  
HDMI KVM cable

Resolution Support \*\*: 16:9 - max. 2560 x 1440  
16:10 - max. 1920 x 1200  
4:3 - max. 1600 x 1200

|                  |           |               |                |
|------------------|-----------|---------------|----------------|
| <b>DVI-D KVM</b> | <b>IP</b> | <b>Remote</b> | <b>12-port</b> |
|                  | 0         | 0             | X117 - 1201D   |

**DVI-D USB KVM Cable**


Resolution Support \*\*: 16:10 - max. 1920 x 1200  
16:9 - max. 1920 x 1080  
4:3 - max. 1600 x 1200




CI - 6 (6 ft)  
CI - 15 (15 ft)

|                        |           |               |               |                 |                 |
|------------------------|-----------|---------------|---------------|-----------------|-----------------|
| <b>Cat6 Matrix KVM</b> | <b>IP</b> | <b>Remote</b> | <b>8-port</b> | <b>16-port</b>  | <b>32-port</b>  |
|                        | 1         | 1             | -             | X117 - MUIP1613 | X117 - MUIP3213 |
|                        | 2         | 1             | -             | X117 - MUIP1624 | X117 - MUIP3224 |
|                        | 0         | 1             | -             | X117 - MU1602   | X117 - MU3202   |
|                        | 0         | 2             | -             | X117 - MU1603   | X117 - MU3203   |
|                        | 0         | 3             | -             | X117 - MU1604   | X117 - MU3204   |


**Cat6 KVM Dongle**




DG - 100P  
DP - USB dongle




DG - 100H  
HDMI - USB dongle



DG - 100SD  
DVI - USB dongle



DG - 100S  
VGA - USB dongle




DG - 100  
VGA - PS/2 dongle

Resolution Support \*\*: 16:10 - max. 1920 x 1200  
16:9 - max. 1920 x 1080  
4:3 - max. 1600 x 1200


|                       |           |               |               |                |                |
|-----------------------|-----------|---------------|---------------|----------------|----------------|
| <b>Cat6 Combo KVM</b> | <b>IP</b> | <b>Remote</b> | <b>8-port</b> | <b>16-port</b> | <b>32-port</b> |
|                       | 1         | 0             | X117 - UIP802 | X117 - UIP1602 | X117 - UIP3202 |
|                       | 0         | 1             | X117 - U802   | X117 - U1602   | X117 - U3202   |
|                       | 0         | 0             | X117 - U801   | X117 - U1601   | X117 - U3201   |

|                         |           |               |               |                |
|-------------------------|-----------|---------------|---------------|----------------|
| <b>DB-15 Matrix KVM</b> | <b>IP</b> | <b>Remote</b> | <b>8-port</b> | <b>16-port</b> |
|                         | 1         | 1             | X117 - MIP813 | X117 - MIP1613 |
|                         | 2         | 1             | X117 - MIP824 | X117 - MIP1624 |
|                         | 0         | 1             | X117 - M802   | X117 - M1602   |
|                         | 0         | 2             | X117 - M803   | X117 - M1603   |
|                         | 0         | 3             | X117 - M804   | X117 - M1604   |


**DB-15 VGA USB KVM Cable**



CB - 6 (6 ft)



CB - 10 (10 ft)



CB - 15 (15 ft)

Resolution Support \*\*: 16:10 - max. 1920 x 1200  
16:9 - max. 1920 x 1080  
4:3 - max. 1600 x 1200

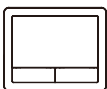
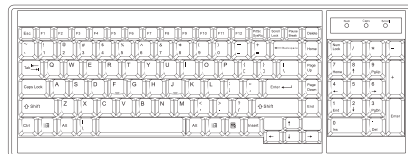
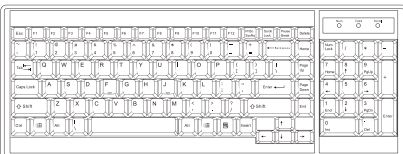
|                        |           |               |               |                |
|------------------------|-----------|---------------|---------------|----------------|
| <b>DB-15 Combo KVM</b> | <b>IP</b> | <b>Remote</b> | <b>8-port</b> | <b>16-port</b> |
|                        | 1         | 0             | X117 - IP802  | X117 - IP1602  |
|                        | 0         | 1             | X117 - 802    | X117 - 1602    |
|                        | 0         | 0             | X117 - S801   | X117 - S1601   |

|                          |           |               |               |                |
|--------------------------|-----------|---------------|---------------|----------------|
| <b>DB-15 USB Hub KVM</b> | <b>IP</b> | <b>Remote</b> | <b>8-port</b> | <b>16-port</b> |
|                          | 1         | 0             | X117 - IP802H | X117 - IP1602H |
|                          | 0         | 1             | X117 - 802H   | X117 - 1602H   |
|                          | 0         | 0             | X117 - 801H   | X117 - 1601H   |


## Standard Keyboard






**Ge** G keyboard integrated with touchpad



**Gb** G keyboard integrated with trackball



### Supporting layouts

**America**  United States

**EMEA**  United Kingdom  Germany  France  Spain  Italy

**Asia**  Japan  Korea

## Keyboard Options

\* US layout only

**Me** Mac keyboard with touchpad



**Se** S keyboard with touchpad

**Mb** Mac keyboard with trackball

**Sb** S keyboard with trackball

