



### Benefits

- ▶ 1U 17" / 19" LED-backlit LCD console drawer
- ▶ 1280 x 1024 native resolution / 16.7M colors / 1000 cd/m<sup>2</sup> brightness
- ▶ 104-key USB keyboard with either touchpad or trackball
- ▶ Short depth design of 480mm and 520mm respectively
- ▶ One Man installation design
- ▶ New enhanced aesthetics with molded front handle
- ▶ 2-year standard warranty ( upgradable up to 5 years )
- ▶ TAA Compliant

### Options

- HDMI 1.4 + DVI-D + Audio in & out + Speakers ( **AV4.4** )
- HDMI 1.4 + Speakers ( **HDMI** )
- S-Video + Composite + Speakers ( **BNC** )
- 3G / HD / SD-SDI Broadcast-grade input + Speakers ( **SDI** )
- Front USB hub port for device access ( **USB** )
- DC power : 12V / 24V / 48V / 125V / 250V
- SUN Micro keyboard option
- 17" Touchscreen :  
Projected Capacitive 10-pt / Resistive 1-pt
- 19" Touchscreen : Resistive 1-pt

### Product Specifications

Console Port	
Video input	VGA
KB / MS	USB interface
VGA console 6ft cable : CB-6A	Drawer end : DB-15 + USB type A x 2 Server end : DB-15 + USB type A x 2

Video Option		
Digital	DVI	DVI-D single link
	HDMI	HDMI 1.4 / HDCP 1.4
Analog	S-Video ( 4-pin )	NTSC & PAL
	Composite ( BNC )	NTSC & PAL

LED-backlit LCD Panel	H117	H119
Panel size ( diagonal )	17"	19"
Native resolution	1280 x 1024	1280 x 1024
Brightness ( cd/m <sup>2</sup> )	1000	1000
Contrast ratio ( typ. )	1000 : 1	1000 : 1
Colors	16.7 M	16.7 M
Viewing angle ( L/R/U/D )	85/85/80/80	85/85/80/80
Response time ( ms )	5	5
Dot pitch ( mm )	0.264	0.294
Display area ( mm )	337.92H x 270.33V	376.32H x 301.06V
MTBF (hrs)	50,000	30,000
Surface treatment	Anti-glare	Haze 25%, Hard-coating
Surface hardness		3H
Backlight type		LED

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 ( H117 )	Max. 30W / Max. 65W
	( H119 )	Max. 39W / Max. 65W
	Power saving mode	Max. 2W / Max. 34W
	Power button off	Max. 1W / Nil

Physical		H117	H119
Product ( W x D x H )	Single console	442 x 480 x 44 mm 17.4 x 18.9 x 1.73 inch	442 x 520 x 44 mm 17.4 x 20.5 x 1.73 inch
	Console w/ KVM	442 x 580 x 44 mm 17.4 x 22.8 x 1.73 inch	442 x 620 x 44 mm 17.4 x 24.4 x 1.73 inch
Packing ( W x D x H )	Single console / Console w/ KVM	590 x 808 x 140 mm 23.2 x 31.8 x 5.5 inch	590 x 808 x 140 mm 23.2 x 31.8 x 5.5 inch
	Net weight	Single console 12.5 kg / 27.5 lb	13.2 kg / 29 lb
Gross weight	Console w/ KVM	13.8 kg / 30.4 lb	14.5 kg / 31.9 lb
	Single console	17.5 kg / 38.5 lb	18.2 kg / 40 lb
	Console w/ KVM	19.7 kg / 43.3 lb	20.4 kg / 44.9 lb

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

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	10~90%, 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

Mounting Distance	H117	H119
Single console drawer	490 ~ 720 mm 19.3 ~ 28.3 inch	530 ~ 760 mm 20.9 ~ 29.9 inch
Console w/ KVM drawer	490 ~ 800 mm 19.3 ~ 31.5 inch	530 ~ 840 mm 20.9 ~ 33.1 inch


Compliance	
EMC	FCC & CE
Safety	CE / LVD & UKCA
Environment	REACH & RoHS3 / WEEE

# H117 / H119 models w/ KVM


**X** stands for 17" or 19" LED-backlit LCD size.

<b>2K KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>
	0	0	H11X - 801D

**2K KVM Cable**



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




**CH - 6H** (6 ft)  
HDMI KVM cable

Resolution: 16:9 - max. 2560 x 1440  
Support \*\*: 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	H11X - 1201D

**DVI-D USB KVM Cable**


Resolution: 16:10 - max. 1920 x 1200  
Support \*\*: 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	-	H11X - MUIP1613	H11X - MUIP3213
	2	1	-	H11X - MUIP1624	H11X - MUIP3224
	0	1	-	H11X - MU1602	H11X - MU3202
	0	2	-	H11X - MU1603	H11X - MU3203
	0	3	-	H11X - MU1604	H11X - MU3204


**Cat6 KVM Dongle**




**DG - 100C**  
USB-C dongle




**DG - 100P**  
DP - USB dongle



**DG - 100H**  
HDMI - USB dongle



**DG - 100SD**  
DVI - USB dongle




**DG - 100S**  
VGA - USB dongle

Resolution: 16:10 - max. 1920 x 1200  
Support \*\*: 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	H11X - UIP802	H11X - UIP1602	H11X - UIP3202
	0	1	H11X - U802	H11X - U1602	H11X - U3202
	0	0	H11X - U801	H11X - U1601	H11X - U3201

<b>DB-15 Combo KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>	<b>16-port</b>
	1	0	H11X - IP802	H11X - IP1602
	0	1	H11X - 802	H11X - 1602
	0	0	H11X - S801	H11X - S1601


**DB-15 VGA USB KVM Cable**



**CB - 6** (6 ft)



**CB - 10** (10 ft)





**CB - 15** (15 ft)


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

<b>DB-15 USB Hub KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>
	1	0	H11X - IP802H
	0	1	H11X - 802H
	0	0	H11X - 801H

**IP Console**







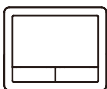
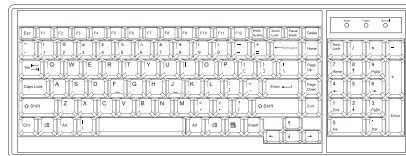
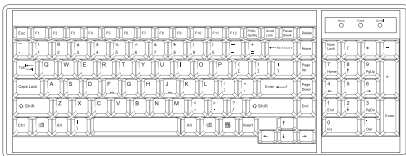
**High Performance KVM Access Over IP**

Connector :	RJ45
User management :	1 x active user, 15-user login
Network protocol :	DHCP / BOOTP / DNS
Security :	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser :	Chrome, Firefox, Edge, etc.
Resolution :	16:9 - max. 1920 x 1080 / 16:10 - max. 1920 x 1200 / 4:3 - max. 1600 x 1200










## Standard Keyboard

**Ge** G keyboard with touchpad

**Gb** G keyboard with trackball



### Supporting layouts

<b>America</b>		U.S.
<b>EMEA</b>	     	U.K. Germany France Russia Spain Italy
<b>Asia</b>	 	Japan Korea

## Keyboard Options

\* US layout only

**Se** S keyboard with touchpad

**Sb** S keyboard with trackball

