



**Benefits**

- ▶ 1U 19" FHD LED-backlit LCD console drawer
- ▶ 1920 x 1080 native resolution / 16.7M colors
- ▶ HDMI 1.4 + VGA video input ( speakers excluded )
- ▶ 104-key USB keyboard with either touchpad or trackball
- ▶ Short depth design of 460mm
- ▶ One Man installation design
- ▶ Enhanced aesthetics with new molded front panel and 2-point lock
- ▶ 2-year standard warranty ( upgradable up to 5 years )
- ▶ TAA Compliant

**Options**

- Dual stereo speakers for HDMI ( **HS4.4** )
- DP 1.0 + Speakers ( **DP** )
- DVI-D + Audio input & output + Speakers ( **DV4.4** )
- Composite + Audio IN + 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

**Product Specifications**

Console Port	
Video input	HDMI 1.4 + VGA
KB / MS	USB interface
VGA console 6ft cable : CB-6A or HDMI console 6ft cable : CX-6B	Drawer end : DB-15 + USB type A x 2 Server end : DB-15 + USB type A x 2 Drawer end : HDMI + USB type A x 2 Server end : HDMI + USB type A x 2

Video Option		
Digital	DVI-D	DVI-D single link
	Display port	DP 1.0 / HDCP 1.3
Analog	Composite ( BNC )	NTSC & PAL

LED-backlit LCD Panel	
Panel size ( diagonal )	18.5"
Native resolution	1920 x 1080
Brightness ( cd/m <sup>2</sup> )	500
Contrast ratio ( typ. )	1200 : 1
Colors	16.7 M
Viewing angle ( L/R/U/D )	85/85/85/85
Response time ( ms )	30
Dot pitch ( mm )	0.213
Display area ( mm )	408.98H x 230.04V
Surface treatment	Anti-glare, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	50,000

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. 14W / Max. 45W
	Power saving mode	Max. 2W / Max. 34W
	Power button off	Max. 1W / Nil

Physical		
Product ( W x D x H )	Single console	442 x 460 x 44 mm 17.4 x 18.1 x 1.73 inch
	Console w/ KVM	442 x 580 x 44 mm 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 23.2 x 31.8 x 5.5 inch
	Net weight	Single console : 11.5 kg / 25.3 lb Console w/ KVM : 12.5 kg / 28 lb
Gross weight	Single console	16 kg / 35.2 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

Environment	
Operating temp.	-20 to 70°C degree
Storage temp.	-20 to 70°C degree
Operating humidity	10 ~ 90%, non-condensing
Storage humidity	5 ~ 95%, 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	
Single console drawer	470 ~ 700 mm 18.5 ~ 27.6 inch
Console w/ KVM drawer	470 ~ 800 mm 18.5 ~ 31.5 inch


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

# F119 models w/ KVM


\*\* Resolution related to LED-backlit LCD specification

<b>2K KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>
	0	0	F119 - 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	F119 - 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	-	F119 - MUIP1613	F119 - MUIP3213
	2	1	-	F119 - MUIP1624	F119 - MUIP3224
	0	1	-	F119 - MU1602	F119 - MU3202
	0	2	-	F119 - MU1603	F119 - MU3203
	0	3	-	F119 - MU1604	F119 - 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	F119 - UIP802	F119 - UIP1602	F119 - UIP3202
	0	1	F119 - U802	F119 - U1602	F119 - U3202
	0	0	F119 - U801	F119 - U1601	F119 - U3201

<b>DB-15 Combo KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>	<b>16-port</b>
	1	0	F119 - IP802	F119 - IP1602
	0	1	F119 - 802	F119 - 1602
0	0	F119 - S801	F119 - 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	F119 - IP802H
	0	1	F119 - 802H
0	0	F119 - 801H	

**IP Console**





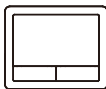
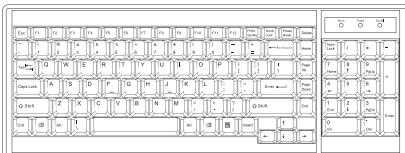


**High Performance KVM Access Over IP**

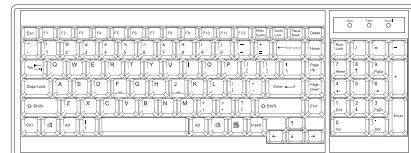
Connector :	RJ45
User management :	1 x active user, 15-user login
Network protocol :	DHCP / BOOTP / DNS
Security :	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser :	Chrome, Firefox, Edge, etc.
Resolution :	16:9 - max. 1920 x 1080 / 16:10 - max. 1920 x 1200 / 4:3 - max. 1600 x 1200

## Standard Keyboard










**Ge** G keyboard with touchpad



**Gb** G keyboard with trackball



### Supporting layouts

America	 U.S.
EMEA	      U.K.    Germany    France    Russia    Spain    Italy
Asia	  Japan    Korea

## Keyboard Options

\* US layout only

**Se** S keyboard with touchpad

**Sb** S keyboard with trackball

