



Model ( left side open )	Model ( right side open )
<b>F121</b>	<b>F121R</b>

### Benefits

- ▶ 1U 21" LCD console drawer
- ▶ 1920 x 1080 native resolution / 16.7M colors
- ▶ DVI-D + VGA video input / USB KB / MS
- ▶ 104-key keyboard with either touchpad or trackball
- ▶ One Man installation design
- ▶ Enhanced aesthetics with new molded front panel and 2-point lock
- ▶ 2-year standard warranty ( upgradable up to 5 years )

### Options

- Front USB hub port for device access
- HDMI 1.4 + Audio input & output ( **AV4.4** )
- HDMI 1.4 video input ( **HDMI** )
- DP 1.0 video input \* ( **DP** )
- 3G / HD / SD-SDI Broadcast-grade input ( **SDI** )
- Composite ( **BNC** )
- DC power : 12V / 24V / 48V / 125V
- MAC or SUN Micro keyboard options available

\* No DVI-D after integration of DP 1.0 video input

## Product Specifications

Console Port	
Video input	VGA + DVI-D single link
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 )	21.5"
Native resolution	1920 x 1080
Brightness ( cd/m <sup>2</sup> )	250
Contrast ratio ( typ. )	1000 : 1
Colors	16.7 M
Viewing angle ( L/R/U/D )	85/85/80/80
Response time ( ms )	5
Dot pitch ( mm )	0.248
Display area ( mm )	476.64H x 268.11V
Surface treatment	Haze 25%, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF ( hrs )	30,000

Physical		
Product ( W x D x H )	Single console	442 x 670 x 44 mm 17.4 x 26.4 x 1.73 inch
	Console w/ KVM	442 x 770 x 44 mm 17.4 x 30.3 x 1.73 inch
Packing ( W x D x H )	Single console /	590 x 965 x 136 mm
	Console w/ KVM	23.2 x 38 x 5.4 inch
Net weight	Single console	14.7 kg / 32.3 lb
	Console w/ KVM	15.5 kg / 34.1 lb
Gross weight	Single console	18.9 kg / 41.6 lb
	Console w/ KVM	21.4 kg / 47.1 lb

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

Mounting Distance	
Single console drawer	630 ~ 860 mm 24.8 ~ 33.9 inch
Console w/ KVM drawer	630 ~ 940 mm 24.8 ~ 37 inch

Video Option		
Digital	HDMI	HDMI 1.4 / HDCP 1.4
	Display port	DP 1.0 / HDCP 1.3
Analog	Composite ( BNC )	NTSC & PAL

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. 28W / Max. 62W
	Power saving mode	Max. 2W / Max. 34W
	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
Safety	CE / LVD & UKCA
Environment	RoHS3 & REACH

# F121 models w/ KVM

For right side open - Add **R** at the end of the model no.  
sample : F121-MUIP3224R

\*\* Resolution related to LCD specification

<b>2K KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>
	0	0	F121 - 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	F121 - 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	-	F121 - MUIP1613	F121 - MUIP3213
	2	1	-	F121 - MUIP1624	F121 - MUIP3224
	0	1	-	F121 - MU1602	F121 - MU3202
	0	2	-	F121 - MU1603	F121 - MU3203
	0	3	-	F121 - MU1604	F121 - 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	F121 - UIP802	F121 - UIP1602	F121 - UIP3202
	0	1	F121 - U802	F121 - U1602	F121 - U3202
	0	0	F121 - U801	F121 - U1601	F121 - U3201

<b>DB-15 Combo KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>	<b>16-port</b>
	1	0	F121 - IP802	F121 - IP1602
	0	1	F121 - 802	F121 - 1602
	0	0	F121 - S801	F121 - 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	F121 - IP802H
	0	1	F121 - 802H
	0	0	F121 - 801H

**IP Console**





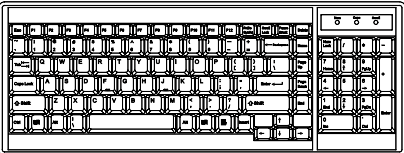
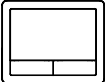


High Performance KVM Access Over IP

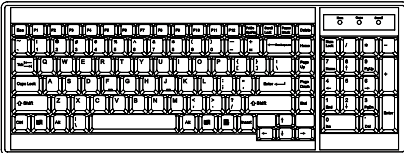

Connector :	RJ45
User management :	1 x active user, 15-user login
Network protocol :	DHCP / BOOTP / DNS
Security :	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser :	Chrome, Firefox, Edge, etc.
Resolution :	16:9 - max. 1920 x 1080 / 16:10 - max. 1920 x 1200 / 4:3 - max. 1600 x 1200

## Standard Keyboard










**Ge** G keyboard with touchpad

**Gb** G keyboard with trackball


### Supporting layouts

America	 U.S.
EMEA	     
Asia	 

## Keyboard Options

\* US layout only

**Me** Mac keyboard with touchpad



**Mb** Mac keyboard with trackball

**Se** S keyboard with touchpad

**Sb** S keyboard with trackball

