



### Benefits

- ▶ 1U 17" / 19" LCD console drawer
- ▶ 1280 x 1024 native resolution / 16.7M colors
- ▶ 104-key keyboard with either touchpad or trackball
- ▶ Short depth design of 500mm
- ▶ One Man installation design
- ▶ Enhanced aesthetics with molded front handle and two point lock
- ▶ 2-year standard warranty ( upgradable up to 5 years )

### Options

- HDMI 1.4 + DVI-D + Audio input & output ( **AV4.4** )
- HDMI 1.4 + DVI-D video input ( **HDMI** )
- 3G / HD / SD-SDI Broadcast-grade input ( **SDI** )
- S-Video + Composite ( **BNC** )
- DC power : 12V / 24V / 48V / 125V / 250V

## 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

LCD Panel	N117	N119
Panel size ( diagonal )	17"	19"
Native resolution	1280 x 1024	1280 x 1024
Brightness ( cd/m <sup>2</sup> )	250	250
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 270.33V
Surface treatment	Haze 25%, Hard-coating	
Surface hardness	3H	
Backlight type	LED	
MTBF (hrs)	30,000	

Physical		N117	N119
Product ( W x D x H )	Single console	442 x 500 x 44 mm 17.4 x 19.7 x 1.73 inch	442 x 500 x 44 mm 17.4 x 19.7 x 1.73 inch
	Console w/ KVM	442 x 620 x 44 mm 17.4 x 24.4 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 /	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
	Console w/ KVM		
Net weight	Single console	12.3 kg / 27.1 lb	12.5 kg / 27.5 lb
	Console w/ KVM	13.3 kg / 29.2 lb	13.5 kg / 29.7 lb
Gross weight	Single console	16.8 kg / 37 lb	17 kg / 37.4 lb
	Console w/ KVM	18.2 kg / 40 lb	18.4 kg / 40.5 lb

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

Mounting Distance	N117	N119
Single console drawer	510 ~ 740 mm 20.1 ~ 29.1 inch	510 ~ 740 mm 20.1 ~ 29.1 inch
Console w/ KVM drawer	510 ~ 840 mm 20.1 ~ 33.1 inch	510 ~ 840 mm 20.1 ~ 33.1 inch

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

### HDMI

N117 chassis extension in depth to 520mm ( 20.5" )  
N119 chassis extension in depth to 520mm ( 20.5" )

### S-Video & Composite

N117 chassis extension in depth to 570mm ( 22.4" )  
N119 chassis extension in depth to 570mm ( 22.4" )

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. 22W / Max. 55W
	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	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

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

# N117 / N119 models w/ KVM

**X** stands for 17" or 19" LCD size.

<b>2K KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>
	0	0	N11X - 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	N11X - 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	-	N11X - MUIP1613	N11X - MUIP3213
	2	1	-	N11X - MUIP1624	N11X - MUIP3224
	0	1	-	N11X - MU1602	N11X - MU3202
	0	2	-	N11X - MU1603	N11X - MU3203
	0	3	-	N11X - MU1604	N11X - 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	N11X - UIP802	N11X - UIP1602	N11X - UIP3202
	0	1	N11X - U802	N11X - U1602	N11X - U3202
	0	0	N11X - U801	N11X - U1601	N11X - U3201

<b>DB-15 Combo KVM</b>	<b>IP</b>	<b>Remote</b>	<b>8-port</b>	<b>16-port</b>
	1	0	N11X - IP802	N11X - IP1602
	0	1	N11X - 802	N11X - 1602
	0	0	N11X - S801	N11X - 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

**IP Console**





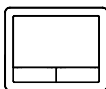
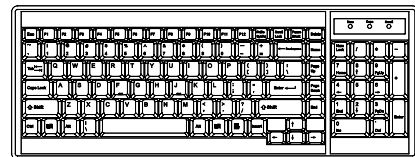


**High Performance KVM Access Over IP**

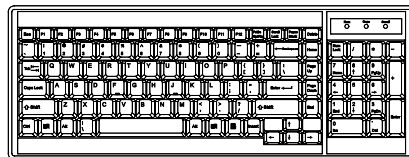
Connector :	RJ45
User management :	1 x active user, 15-user login
Network protocol :	DHCP / BOOTP / DNS
Security :	TLS 1.3, AES, LDAP, Active Directory (AD), HTTP(s)
Browser :	Chrome, Firefox, Edge, etc.
Resolution :	16:9 - max. 1920 x 1080 / 16:10 - max. 1920 x 1200 / 4:3 - max. 1600 x 1200

## Standard Keyboard










**Ge** G keyboard with touchpad



**Gb** G keyboard with trackball



### Supporting layouts

America	 U.S.
EMEA	<div style="text-align: center;"> U.K.</div> <div style="text-align: center;"> Germany</div> <div style="text-align: center;"> France</div> <div style="text-align: center;"> Russia</div> <div style="text-align: center;"> Spain</div> <div style="text-align: center;"> Italy</div>
Asia	<div style="text-align: center;"> Japan</div> <div style="text-align: center;"> Korea</div>

## Keyboard Options

\* US layout only

**Se** S keyboard with touchpad

**Sb** S keyboard with trackball

