



1000 cd/m<sup>2</sup> brightness



**Benefits**

- ▶ 7U 19" LCD display panel
- ▶ 1920 x 1080 native resolution / 16.7M colors / 1000 cd/m<sup>2</sup> brightness
- ▶ HDMI 1.4 + VGA video input ( speakers excluded )

**Options**

- Dual stereo speakers for HDMI
- DVI-D + Audio input & output + Speakers
- DP 1.0 + HDMI 2.0 + Audio input & output + Speakers
- Composite + Audio IN + Speakers
- 3G / HD / SD-SDI Broadcast-grade input + Speakers
- Multi display OSD controller
- MIL-type or lockable connector
- DC power : 12V / 24V / 48V / 110V / 125V / 250V
- Touchscreen : Projected Capacitive 10-pt Resistive 1-pt

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

**Product Specifications**

Video	
Video input	HDMI 1.4 + VGA

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

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

LCD Panel	
Panel size ( diagonal )	18.5"
Native resolution	1920 x 1080
Brightness ( cd/m <sup>2</sup> )	1000
Contrast ratio ( typ. )	1000 : 1
Colors	16.7 M
Viewing angle ( L/R/U/D )	89/89/89/89
Response time ( ms )	20
Dot pitch ( mm )	0.213
Display area ( mm )	408.96H x 230.04V
Surface treatment	Anti-glare, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF ( hrs )	50,000

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

Physical		
Dimensions ( W x D x H )	Product	480 x 58 x 310 mm 18.9 x 2.3 x 12.2 inch
	Weight	5.8 kg / 12.8 lb

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

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	Screen on	Max. 40W
	Power saving mode	Max. 2W
	Power button off	Max. 1W

**Diagrams ( mm )**

