



### Benefits

- ▶ 7U 19" widescreen LED-backlit LCD display panel
- ▶ 1440 x 900 native resolution / 16.7M colors
- ▶ HDMI 1.4 + VGA video input ( speakers excluded )
- ▶ 2-year standard warranty ( upgradable up to 5 years )

### Options

- Dual stereo speakers for HDMI ( **HS4.4** )
- DVI-D + Audio input & output + Speakers ( **DV4.4** )
- Composite + Audio IN + Speakers ( **BNC** )
- 3G / HD / SD-SDI Broadcast-grade input + Speakers ( **SDI** )
- Multi display OSD controller ( **MCS** )
- MIL-type or lockable connector
- DC power : 12V / 24V / 48V / 125V / 250V
- IP65 front protection ( **IP65** )
- Touchscreen : Resistive 1-pt

## Product Specifications

Video	
Video input	HDMI 1.4 + VGA

Video Option		
Digital	DVI-D	DVI-D single link
Analog	Composite ( BNC )	NTSC & PAL

LED-backlit LCD Panel	
Panel size ( diagonal )	19"
Native resolution	1440 x 900
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 )	0.2835
Display area ( mm )	408.24H x 255.15V
Surface treatment	Anti-glare
Surface hardness	3H
Backlight type	LED
MTBF ( hrs )	30,000

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	Screen on	Max. 20W
	Power saving mode	Max. 2W
	Power button off	Max. 1W

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

Physical		
Dimensions ( W x D x H )	Product	480 x 58 x 310 mm 18.9 x 2.3 x 12.2 inch
	Packing	529 x 124 x 451 mm 20.8 x 4.9 x 17.8 inch
Weight	Net	5.8 kg / 12.8 lb
	Gross	7.9 kg / 17.4 lb

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

## Diagrams ( mm )

