



### Benefits

- ▶ 9U 20.1" LCD display panel
- ▶ 1600 x 1200 native resolution / 16.7M colors
- ▶ HDMI 1.4 + VGA video input ( speakers excluded )
- ▶ 2-year standard warranty ( upgradable up to 5 years )
- ▶ TAA Compliant

### Options

- Dual stereo speakers for HDMI ( **HS4.4** )
- DP + DVI-D + Audio + 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 |

| LCD Panel                 |                            |
|---------------------------|----------------------------|
| Panel size ( diagonal )   | 20.1"                      |
| Native resolution         | 1600 x 1200                |
| Brightness ( cd/m² )      | 300                        |
| Contrast ratio ( typ. )   | 800 : 1                    |
| Colors                    | 16.7 M                     |
| Viewing angle ( L/R/U/D ) | 89/89/89/89                |
| Response time ( ms )      | 16                         |
| Dot pitch ( mm )          | 0.255                      |
| Display area ( mm )       | 408H x 306V                |
| Surface treatment         | Anti-glare<br>Hard-coating |
| Surface hardness          | 3H                         |
| Backlight type            | CCFL                       |
| MTBF (hrs)                | 45,000                     |

| Physical                    |         |                                             |
|-----------------------------|---------|---------------------------------------------|
| Dimensions<br>( W x D x H ) | Product | 480 x 64 x 399 mm<br>18.9 x 2.5 x 15.7 inch |
|                             | Packing | 583 x 124 x 529 mm<br>23 x 4.9 x 20.8 inch  |
| Weight                      | Net     | 8.5 kg / 18.7 lb                            |
|                             | Gross   | 11 kg / 24.2 lb                             |

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

| 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 |

| Video Option |                   |                   |
|--------------|-------------------|-------------------|
| Digital      | DVI-D             | DVI-D single link |
|              | 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 | Screen on         | Max. 45W                              |
|             | Power saving mode | Max. 2W                               |
|             | Power button off  | Max. 1W                               |

### Diagrams ( mm )

