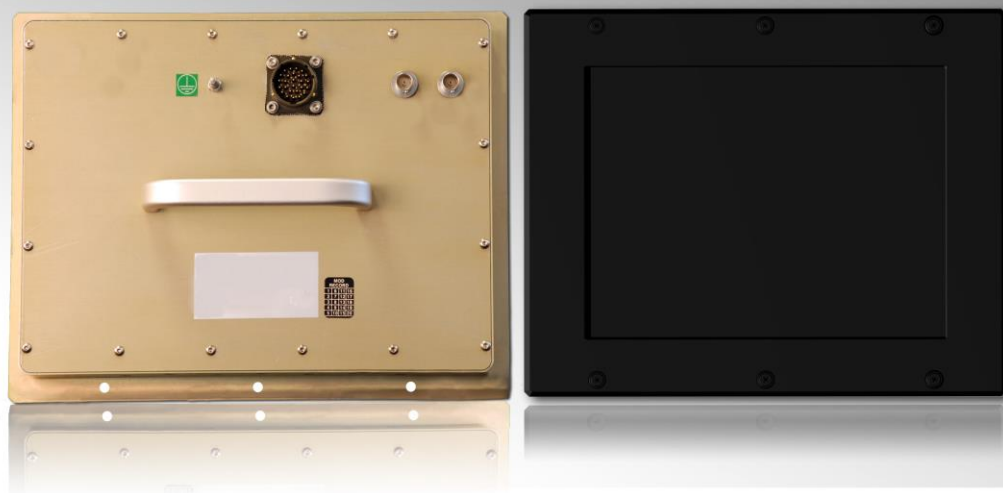


## 10.4" Computer/Video Display Monitor – Front Mounting



- **10.4" TFT LCD LED Backlight**
- **Resolution SVGA (800x600)**
- **VGA/DVI Video Inputs (up to 1600x1200)**
- **PAL/NTSC PIP capability**
- **On screen display of text and graphics**
- **Available with touch screen**
- **Rugged Machined Aluminium casing**
- **Black Front Bessel for front mounting applications**
- **IP65 environmentally sealed**
- **Text and graphics overlay capability**

The AV6511-104-FM1 is a 10.4" Rugged XGA computer and video display monitor for command and control consoles. The unit has a black bezel machined from the same enclosure giving a professional and rugged monitor solution. The enclosure is milled from a single Aluminium block to ensure a rugged assembly.

It is capable of receiving analogue RGBHV or DVI input from a host computer and a PAL/NTSC video input simultaneously. As well as overlaying the PAL/NTSC image over the computer image, an overlay text/graphical function is also available. When fitted with a touch sensor (FM1T) selection information can be relayed back to the command computer.

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#### Directives

2004/108/EC

2011/65/EU

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#### Standards

BS EN 55022:2006+A2:2010 (CISPR 22:2005, Class B)

BS EN 55024:1998+A2:2003

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## 10.4" " Computer/Video Display Monitor – Front Mounting

### Technical Specifications

<b>Display</b>	
Panel Size	10.4" diagonal
Resolution	SVGA (800 x 600 pixels)
Brightness	400cd/m <sup>2</sup> (max)
Contrast Ratio	700:1
Response	30ms (Typical, Rising + Falling)
Viewing Angle	Horizontal ± 80° and Vertical + 60° to - 80° with CR = 10
Colours	16.7M colours, 262K
Backlight Technology	LED
Surface Treatment	EMC Front Glass with embedded mesh
<b>Video Inputs</b>	
Analogue	1x RGBHV computer video signal, 1 x PAL/NTSC
Digital	1x DVI
<b>Optional Inputs / Outputs</b>	
Brightness Control	Via MIL-DTL 38999 connector
Contrast Control	Via MIL-DTL 38999 connector
Command Link	RS422 via MIL-DTL 38999
<b>Connectors</b>	
	MIL-DTL 38999 (62GB-12E16-26PN)
	MIL-DTL 38999 (RGBHV & DVI)
	2xBNC (Video Input and Output)
<b>Mechanical</b>	
Weight (Approx.)	3Kg
Dimensions	286mm x 230mm x 54mm (Excludes rear handle)
Bessel Finish	DEF STAN 80-161 Matt Black
Fixings	6 x Captive Sprung Fasteners
<b>Environmental</b>	
Humidity	95% RH @ +40°C
Protection Rating	IP65 / NEMA 4
Temperature	Operating Temperature: 0°C to +60°C Storage Temperature: -30°C to +85°C Cooling: No Moving Parts. Passive
<b>Power</b>	
	Input Voltage: 5V and 12V
	Power Consumption: 12W (5V @ 1.7A; 12V @ 0.32A)
<b>Warranty</b>	
	1 Year (extendable to 3 and 5 years)

**Note:**

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