

### Features

- Compact & lightweight video display
- High resolution
- Rugged aluminum enclosure
- NTSC, PAL and custom frequency inputs available (incl. RS-343A)
- High-brightness version available

### General Description

This color video monitor is designed for use in the harsh environment of an aircraft or ground vehicle. The latest TFT technology provides a high-resolution color image with high brightness. The display area contains 1024 x 768 pixels and can display 262,144 colors simultaneously. Access all setting and controls by on-screen menus, local buttons or by remote interface.

### Specifications

Display type	TFT active matrix LCD
Resolution	1024 x 768 pixels
Display area	129(H) x 96(V) mm
Luminance	200 cd/m <sup>2</sup> (standard)
Contrast ratio	200:1 (typ)
Viewing angle (H)	50° (Left, Right) >10:1
Viewing angle (V)	30° (Up), 45° (Down) >10:1
Controls	On Screen Menu
Power requirements	28VDC, 20W (excl. heater)
Dimensions	192 x 139 x 62 mm
Weight	1.6kg

### Options

- High brightness backlight >1000 NITS
- NVG compatible backlight
- EMI shielded front glass
- Heater for low temperature operation
- Touch screen
- 12VDC power supply
- Custom frequency inputs
- Remote control interface
- Custom defined interfaces & packaging



### Environmental Specifications\*

Storage temperature	-20°C to +60°C
Operational temperature	-30°C to +60°C (w. heater)
Humidity	95% (50°C) to 85% (38°C)
Altitude (Operational)	Sea level to 60,000 ft
Altitude (Non-operational)	-15,000 ft to 60,000 ft
Vibration	5G's RMS rand. 15-2000Hz
Shock	9G's, 6-9ms half-sine, 3 shocks each direction 20G's, 6-9ms half-sine, 1 shock each direction
Acceleration	
EMI	TBD

\*Design Goals

*Specifications subject to change without notice*