



MODEL 8810

*10.4" COLOR FLAT
PANEL DISPLAY*

FEATURES:

- Rugged Sealed Unit
- Small & Lightweight
- Configurable Front Controls
- Wide Variety of Ground, Sea and Air Applications
- Mounting - VESA, Ram Ball or Panel Mount

Aydin is:



10/22_Rev.4

1 Riga Lane,
Birdsboro, PA
19508, U.S.A.,
1-866-367-2934

SPECIFICATIONS:

Display Type:	10.4" TFT Active Matrix Color LCD
Active Display Area:	210.4 x 157.8 mm (8.283" x 6.213")
Backlight System:	Full Color LED, Dimming to Zero cd/m ² Dual Mode NVIS (Optional)
Pixel Pitch:	0.2055 x 0.2055 mm
Luminance:	375 cd/m ² (Minimum, White Image) to 0.25 cd/m ² then to zero cd/m ²
Contrast Ratio:	700:1 (Typical, Dark Ambient) 3:1 (Typical, Bright Ambient)
Response Time:	14 ms (Typical/GTG)
Display Colors:	16.7 Million
Video Inputs:	VGA, DVI-D
Resolutions Supported:	640 x 480 @ 60-85 Hz 720 x 400 @ 85 Hz 800 x 600 @ 56-85 Hz 1024 x 768 @ 60-85 Hz 1280 x 1024 @ 60 Hz
Native Resolution:	1024 x 768
Display Controls:	Video Select Day/NVIS Display Brightness: Increase/Decrease Power: On/Off 19 Programmable Soft Keys
Front Surface:	Anti-reflective protective EMI Window Resistive Touch
Input Power:	18 to 32 VDC
Power Consumption:	14.5 watts typical Full Brightness 57 watts typical with Heater



Designed To Meet:

Temperature:	Operating: -40 °C to +55 °C, MIL-STD-810G Storage: -40 °C to +71 °C, MIL-STD-810G Method 501.5/502.5, Procedure I
Humidity:	Operating: 5 to 100% RH MIL-STD-810F, Method 507.4 Procedure I
Altitude:	Operating: 0 to 42,000 ft. above sea level MIL-STD 810G, Method 500.5 Procedure II
Shock:	MIL-STD-901D, Grade B, Class 1, Type A
Vibration:	MIL-STD-167-1A, MIL-STD 810G, RTCA/DO-160D
Salt Fog:	RTCA/DO-160D Category S, MIL-STD-810G
Fungus:	RTCA/DO-160D Category F
EMI:	MIL-STD-461F
Options:	Versions without Resistive touchscreen, LCD heater for applications to -40 °C, or NVIS compliant
Dimensions:	10.95"W x 8.45"H x 2.25" DP
Weight:	7 lbs