

AYDINDISPLAYS

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MODEL 8815

*15" RUGGED COTS DISPLAY FOR
DEFENSE APPLICATIONS*

FEATURES:

- Fanless Design
- Sealed Unit
- Programmable Soft Keys
- Day NVIS

Aydin is:



3/20_Rev.5

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

SPECIFICATIONS:

Display Type: 15" TFT Active Matrix Color LCD

Active Display Area: 304.1 x 228.1 mm
(11.972" x 8.980")

Backlight System: Full Color LED, Dimming to
Zero cd/m²
Dual Mode NVIS

Pixel Pitch: 0.297 x 0.297 mm

Luminance: 750 cd/m² (Typical, White
Image) to 0.05 cd/m² then
to zero cd/m²

Contrast Ratio: 700:1 (Typical, Dark Ambient)

Response Time: 19 ms (Typical/GTG)

Display Colors: 16.7 Million

Video Inputs: Analog RGB, DVI-D, Composite

**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

Native Resolution: 1024 x 768

Display Controls: Video Select
Display Brightness: Increase
Decrease Power: On/Off 29
Programmable Soft
Keys Day/NVIS

Front Surface: Anti-reflective protective EMI
window
Resistive Touch

Input Power: 24 to 28 VDC

Power Consumption: 33 watts typical @ Full
Brightness (less heater)

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-810G, Method 507.5
Procedure I

Altitude: **Operating:** 0 to 42,000 ft.
above sea level MIL-STD
810G, Method 500.5
Procedure II

Vibration: MIL-STD-167-1A, MIL-STD
810G, RTCA/DO-160D

Shock: MIL-STD-901D, Grade B,
Class I, Type A

Salt Fog: RTCA/DO-160D Category S,
MIL-STD-810G

Fungus: RTCA/DO-160D Category F

EMI: MIL-STD-461E

Options: Versions without Resistive
touchscreen, or LCD heater,
for applications to -40 °C or
NVIS compliant

Dimensions: 15.25"W x 12.50"H x 2.44" DP

Weight: 13.8 lbs