



MODEL 8813

13.3" PANEL MOUNT COLOR
FLAT PANEL SMART DISPLAY
FOR GROUND MOBILE AND
AIRBORNE APPLICATIONS

FEATURES:

- High Resolution: 1920 x 1080 (FHD)
- Resistive Touchscreen (USB 2.0)
- User Programmable Keys
- Audio output
- Designed and Built to Military Standards
- Lightweight
- NVIS Compliant

Aydin is:



05/24_Rev 1

SPECIFICATIONS:

Display Type: 13.3" TFT Active Matrix LCD

Active Display Area: 293.472 mm x 165.078 mm
(11.55" x 6.49")

Pixel Pitch: 0.15285x 0.15285 mm

Brightness: 400 cd/m2 (min)

Viewing Angle: ±89° All Directions (Typical)

Contrast Ratio: 800:1 (Typical)

Response Time: 25 ms Tr + Tf (Typical)

Display Colors: 16.7 million
Ethernet, USB 2.0, Audio

Input Interface: Out Digital Video Output

Native Resolution: 1920 x 1080 @ 60 Hz

Resolutions Supported:
640 x 480 @ 60 Hz
800 x 600 @ 60 Hz
1024 x 768 @ 60 Hz
1280 x 1024 @ 60 Hz

Display Controls: Power, Brt +, Brt -, Day/Night
Programmable User Keys

Temperature: **Operating:** -40°C to +55°C,
RTCA/DO-160D Cat. B2
Storage: -40°C to +75°C,
RTCA/DO-160D Cat. B2

Humidity: **Operating/Storage:**
RTCA/DO-160D Cat. B2

Altitude: **Operating:** 0 to 20,000 ft.
above sea level
Storage: 0 to 40,000 ft.
above sea level
RTCA/DO-160D Cat. B2

Shock: **Operation/Crash Safety:**
RTCA/DO-160D Cat. B2
30g's, 11 msec, half sine

Vibration: RTCA/DO-160D Sect. 8
Curve B; MIL-STD-810G
Method 514.6 Cat. 4 Fig. C-3

Waterproofness: RTCA/DO-160D Cat. W

EMI: MIL-STD-461F

Power: **Supply:** +28 VDC
Power:
75 watts (Heater Off)
150 watts max (Heater On)
Chassis connector:
TV07RW-11-2P

Unit Dimensions: 13.12"W x 9.35 "H x 3.5" DP

Mounting: Panel Mount

Weight: 16.0 lbs

Compatibility: PCs, Workstations

Options: AC power