# EUROTECH - 6.5" Rugged Display

Rugged Military/Avionics Flat Panel Display

## FEATURES

**COLOR AMLCD:**
- 6.5" TFT LCD with LED Backlight

**RESOLUTION:**
- VGA Resolution – 640 x 480 pixels

**TOUCHSCREEN:**
- Resistive Film Touchscreen Controller

**BUTTONS:**
- 6 pushbuttons

**CHASSIS:**
- Hardened Aluminum Chassis with Gasketing for Water Resistance and EMI Protection

**PROTECTIVE WINDOW:**
- Protective Window for Explosive Decompression
- ITO (optional), Anti-Reflective and Hard Coatings

**MOUNTING:**
- Bracket Mountable, Rear Panel Hole Pattern

**CUSTOM OPTIONS:**
- Environments Certifications, Integrated CPU

## DESCRIPTION

The Eurotech Display is a rugged flat panel 6.5 inches TFT Liquid Crystal Display. this hardened military/avionics-grade monitor features daylight readability, lightweight aluminum chassis, and anti-glare protective covers for impact protection and explosive decompression. Designed to meet military GAM EG13 environmental standards, this rugged Commercial Off the Shelf (COTS) flat panel incorporates a hardened mechanical design well suited for avionics, vehicular, and other high reliability applications.

The 6.5" display features a high luminance LED backlight for long lamp life, excellent dimming capabilities (down to 4%), and exceptional low-temperature operation (-40℃). The unit features 6 front bezel buttons for brightness controls and accepts standard VGA.

Optimized for panel-mount ship, vehicle and airborne installations, the display integrates a resistive touchscreen with VGA input and RS-422 touchscreen controller.

# SPECIFICATIONS

**LIQUID CRYSTAL DISPLAY:**
- 6.5" a-SI TFT LCD with LED Backlight

**LUMINANCE:**
- 850 cd/m² (nit) typical

**VIDEO INPUT:**
- VGA Video Input

**RESOLUTION:**
- VGA Resolution – 640 x 480 pixels

**TOUCHSCREEN:**
- Resistive Film Analog Controller, RS-422 Interface
- WinCE / WinXP / Linux / DOS drivers

**BUTTONS:**
- 3 Pushbuttons for Brightness
- 3 Configurable Pushbuttons

**VIEWING ANGLE:**
- -50~50° (H), -35~45° (V) at contrast ratio 10:1

**PROTECTIVE WINDOW / COATINGS:**
- Anti-reflective, ITO (optional) Hard Coatings

**LAMP LIFE (MTBF):**
- 50,000 Hours

**WEIGHT:**
- Approx. 3.0 lbs
- Approx. 1.36 kg

**EMI / EMC AND ENVIRONMENTAL COMPLIANCE:**
- Designed to meet GAM EG13 standards

**POWER INPUT:**
- 18 to 36 Vdc

**OPERATING TEMPERATURE:**
- -40℃ to +60℃
- -40℉ to +140℉

**FINISH:**
- Black Anodized Finish

**COOLING:**
- Not required (natural convection)

**PHYSICAL DIMENSIONS:**
- 192.5 mm (W) x 136 mm (H) x 40 mm (D)
- 7.56" (W) x 6.36" (H) x 1.57" (D)

07-0094FC0001A