

### Ruggedized LCD Display Monitor



#### Applications

- Mission operators consoles
  - Tactical air support operator
  - Shipboard tactical stations
- Flight Test Display
  - Display of instrumentation and sensor data from the TTC EUP-105V card, nGWY-2000EU and nEUP-2000 engineering processing products

#### Features

- Ruggedized Multi-Function Display
  - 7" Diagonal Display
  - Wide Screen Aspect Ratio
  - Accepts Analog RGB input (dash # dependent)
  - Accepts an additional RS-170 Video input (dash # dependent)
  - Capable of graphics standards 1024 x 768 (4:3 window) & 1280 x 720 (16:9)
- Automatic Video Mode Detection
  - Automatically identifies and locks to the (supported) input video signal
- Eight (8) User Bezel Buttons located on front bezel
- Five (5) display control button for display adjustments
- Power On/Off (Toggle Switch located on left side of unit)
- Brightness Adjustment Control (knob located on right side of unit)
- Laminated Front Filter:
  - Chemically strengthened glass front surface for impact resistance
  - Index matched ITO (indium tin oxide) coating for EMI control
  - Anti-reflective coating to reduce glare and reflections
- 4.41" H x 6.77" W x 1.07" D (not including rear mount connectors)
- Mil-STD circular power and signal connectors
- Operates from +18-36VDC; 28VDC Normal
- Maximum Power Draw of approximately 10.5 Watts at maximum brightness
- Unit weights approximately 1.8 lbs, not including external attached connectors
- Operating temperature range: -10°C to +55°C
- Storage temperature range: -40°C to +70°C

#### Description

The LDP-070-AB line of displays provide a variety of rugged wide-screen 7 inch display products with application specific bezel buttons intended to be used with the TTC EUP-105V, nGWY-2000EU and nEUP-2000 Engineering Unit Processor (EUP) products. The LDP-070-AB displays accept one or more video inputs (depending on dash number) and provide up to 8 front panel bezel buttons to be used to control EUP product programmable features. The LDP-070-AB bezel button common RS-422 differential output can be connected to the EUP product's RS-422 General Purpose Input connector where the EUP products can then be configured to accept and identify the LDP-070-AB serial characters that are sent when bezel buttons are pressed.

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#### LDP-070-AB Datasheet

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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