

Actiview 104L

8" x 6" Active Matrix LCD
Landscape Mode



Key Features...

- High resolution, XGA – 125 CGPI, 8-BIT color display.
- Hemispherical, high contrast $\pm 60^\circ$ viewing angle.
- Luminance range from 0.03 to 280+ fL w/NVIS option.
- Minimal X, Y, Z dimensions.
- Multiple video, analog, discrete, synchro, resolver, bus interface configuration options.
- Meets Full-Mil and DO160D environments.
- Various EFIS, MFD, and Video bezel options.
- Lightweight, low power, 28 VDC operation.
- Video Monitor to full smart MFD configurations.



communications
Display Systems

Optical Performance

- Viewable Area 8.3" x 6.2"
- Addressability Flexible Autoscaling
- Resolution 1024 x 768, 125 CGPI (XGA)
- Gray Levels 256 Gray Shades
- Luminance 0.03 fL to 280+ fL
- Viewing Angles $\pm 60^\circ$ H/V
- Contrast Ratio Greater than 8:1 over entire viewing cone
- NVIS Gen.III, Type I/II, Class A/B

Functional Description

- Video Interface RS-170/RGB-G
RS-343 (875 line) Digital
- Signal Interfaces ARINC 429/419/575 (6/2) or MIL-STD-1553B
ARINC 453/708A (2)
ARINC 561/568 (2)
RS-232/422/485 (2)
Discretes 30/8 (Configurable)
Analog (40/7)

Physical Description

- Dimensions 11.7"w x 8.8"h x 6.5"d
- Weight Nominal 8.0-12.0 lbs.
- Cooling Internal Fan
- Primary Power 28 VDC, 5v Bezel
80 Watts Maximum
- Mounting Adaptable
- Bezel Configuration EFIS, MFD, Custom

Environmental Performance

- Temperature
– Operating: -54°C to +71°C
– Storage: -57°C to +85°C
- Shock 15G op, 30G CS
- Vibration 514.4 Cat4, PrI
MIL-STD-810C
- Altitude 70,000 ft.
- Reliability 7,000 Hours MTBF
- EMI/EMC MIL-STD 461/463

All data and information are accurate at the time of publication. Information is subject to change. June 2001.

