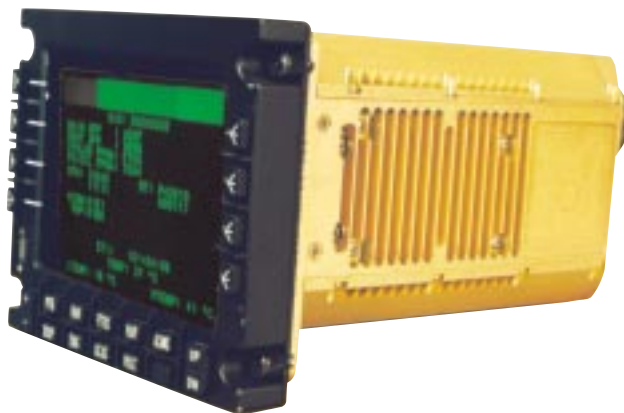


Actiview 500

4" x 3" Active Matrix LCDs

Single Avionics
Management Unit
(SAMU)



Communication
Navigation Radio
Panel (CNRP)



Key Features...

- High resolution 120 CGPI, 8-BIT color display.
- Hemispherical, high contrast $\pm 60^\circ$ viewing angle.
- Luminance range from 0.03 to 280+ fL w/NVIS option.
- Meets 4x5 ATI installation standards.
- Multiple video, analog, discrete, synchro, resolver, bus interface options.
- Meets Full-Mil and DO160D environments.
- Various EFIS, MFD, and Video bezel options.



communications
Display Systems

Optical Performance

- Viewable Area 4" x 3"
- Addressability Flexible Autoscaling
- Resolution 500 x 380, 120 RGB CGPI
- 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

- Signal Interfaces:
 - Standard: MIL-STD-1553B
 - Optional: ARINC 429/419/575
 - Optional: ARINC 453/708A (2)
 - Optional: ARINC 561/568 (2)
 - Optional: RS-232/422/485 (2)
 - Optional: Discretes 30/8 (Configurable)
 - Optional: Analogs (40/7)

Physical Description

- Dimensions 4x5 ATI Chassis
- Weight Nominal 7.0 lbs.
- Cooling Internal Fan
- Primary Power 28 VDC, 5v Bezel
56 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, Prl
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.

