

Actiview 840P

5" x 7" Active Matrix LCD
Portrait Mode



Key Features...

- High resolution SVGA - 119 CGPI, 8 BIT color display.
- Hemispherical, high contrast $\pm 60^\circ$ viewing angle.
- Luminance range from 0.03 to 200+ 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, video and bezel options.
- Light weight, low power, 28 VDC operation
- Video monitor to full smart MFD configurations.



Optical Performance

- Viewable Area 5.0" x 6.7"
- Addressability Flexible Autoscaling
- Resolution 800 x 600
119 CGPI (SVGA)
- Gray Levels 256 Gray Shades
- Luminance 0.03 to 200+ fL
- Viewing Angles $\pm 60^\circ$ H/V
- Contrast Ratio Greater than 8:1
over entire viewing cone
- NVIS Option Gen.III, Type I/II,
Class A/B

Functional Description

- Video Interface RS-170/RGB-G
RS-343 (875 line) Digital
- Signal Interfaces (options) 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 6.3"w x 8.2"h x 9.3"d
- Weight Nominal 8.0 Lbs
- Cooling Internal Fan
- Primary Power 28 VDC, 5v Bezel
88 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 Category 5
MIL-STD-810E
- Altitude 70,000 Ft
- Reliability 7,000 Hours MTBF
- EMI/EMC MIL-STD-461/462

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



