

Display Systems

ACTIVIEW 104P

6" x 8" ACTIVE MATRIX LCD, PORTRAIT MODE



KEY FEATURES

- High resolution, SGA – 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 D0160D environments.
- Various EFIS, MFD, and Video bezel options.
- Lightweight, low power, 28 VDC operation.
- Video Monitor to full smart MFD configurations.



C³ISR > GOVERNMENT SERVICES > AM&M > SPECIALIZED PRODUCTS

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ACTIVIEW 104P

6" x 8" ACTIVE MATRIX LCD, PORTRAIT MODE

OPTICAL PERFORMANCE

- Viewable Area: 6.3" x 8.4"
- 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

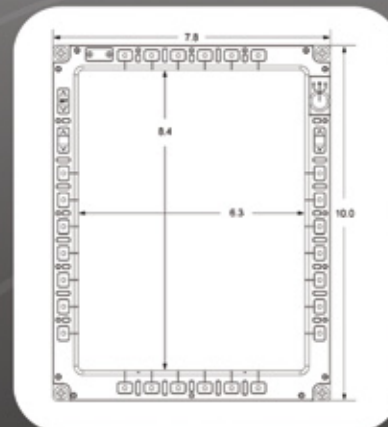
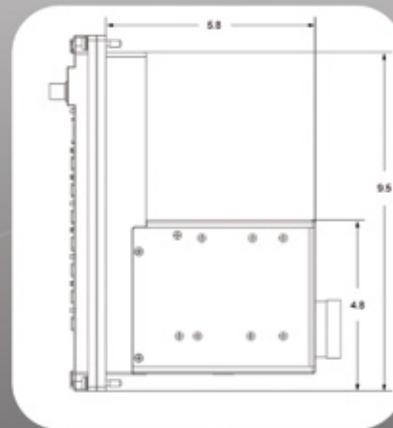
- Video Interface
 - RS-170/RGB-G
 - RS-343 (875 line) Digital
- Signal Interfaces
 - ARINC 429/419/575 (6/2) or MIL-STD-1553B
 - ARINC 453/708A (2)
 - ARINC 561/568 (2)
 - RS-232/422/485 (2)
 - Discretes 30/8 (Configurable)
 - Analogs (40/7)

PHYSICAL DESCRIPTION

- Dimensions: 7.8"w x 10"h x 5.8"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 $+71^\circ\text{C}$
 - Storage: -57°C to $+85^\circ\text{C}$
- 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



DISPLAY SYSTEMS

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