



AVM4158

15" Large Area Multi-Function Display

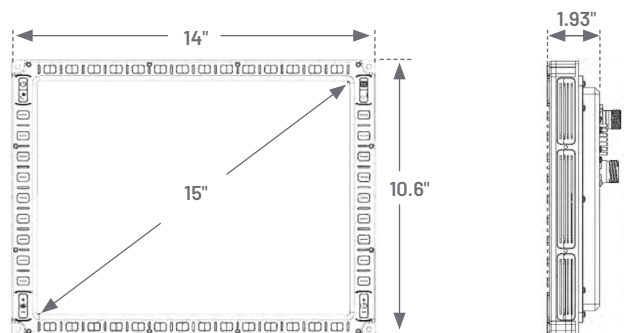
Leverage a larger size to show multiple screens of data simultaneously

- 15" large area display (LAD)
- ARINC 818 and DVI inputs
- Able to show two 6 x 9 MFD/PDF sources simultaneously
- Passively cooled, thin profile
- Multiple screen modes
- NVIS compatibility with optional heater

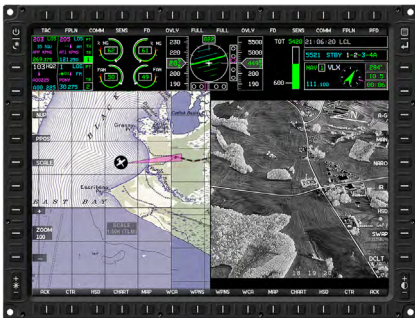


Think digital

- 15" 4:3 aspect ratio display
- 1400 x 1050 resolution
- ARINC 818 and DVI inputs
- RS-232 and RS-422 communications
- NVIS-B capable
- Button bezel
- HD-SDI, NTSC, PAL
- Thin profile
- Passive cooling
- True large area display (LAD)
- Fit two 6" x 8" MFD/PFD pages side by side on one display
- Built-in heater (optional)



CONTACT US



APPLICATIONS

Ideal for center-panel applications, the AVM4158 provides side-by-side, switchable display of video, mission computer outputs, maps and primary flight instrumentation. DVI and ARINC-818 inputs interface with other state-of-the-art sensors and cameras; RS-232 and RS-422 communications allow for easy software updates and transfer of system status. Bezel button and LCD dimming are configurable via either the front luminance button or 5/28 VDC remote.

The heated LCD optimizes performance at high altitudes and in cold-weather-start conditions. The thin profile, enabled by the passive cooling, conserves both space behind the front plane and power usage, making this display the efficient choice to support sophisticated integrations where other avionics demand complicated cabling arrangements and high power usage. The 46 programmable line-select bezel keys offer an accessible, customizable interface with whatever mission computer, sensor or instrument information the pilot needs to display.

SPECIFICATIONS

Dimensions

Display Area	15" (381 mm) diagonal
Height	10.6" (269.24 mm)
Width	14" (355.6 mm)
Depth	1.93" (49.022 mm)
Weight	8.8 lb (4.0 kg)

I/O

Power	28 VDC
Video Inputs	ARINC-818, DVI
Dimming	Configured for 5 VDC/5 VAC (bezel only)
Signals	ARINC-818, DVI, RS-232, RS-422

Characteristics

Power Draw	1.33A @ 28 VDC (40 W) with heater off, 3.85A @ 28 VDC (110 W) with heater on
Aspect Ratio	4:3
Resolution	1400 x 1050 pixels
Pixel Pitch (mm)	0.2175 x 0.2175
Active Area	304.5 mm x 228.37 mm
Horiz. Viewing Angle	170°
Vert. Viewing Angle	170°
Contrast Ratio	1,000:1
Refresh Rate	60 Hz
NVIS	Class B
Operating Temp	-40°C to +71°C
Cooling	Passive

Qualifications

MIL-STD-810G, MIL-STD-461F

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Learn more

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