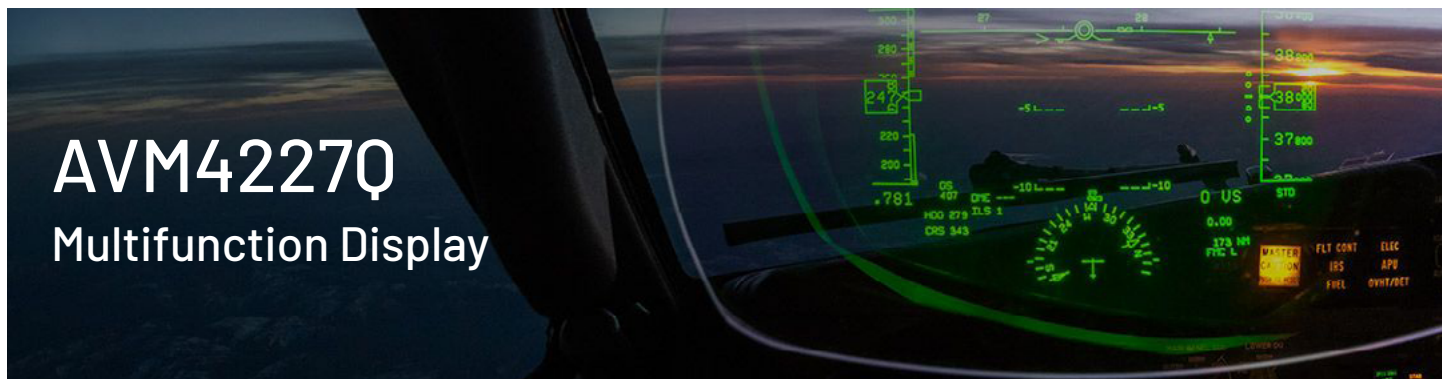


AVM4227Q

Multifunction Display



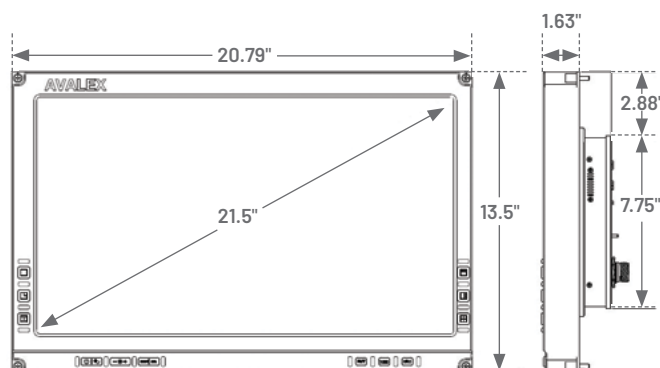
Simultaneously visualize multiple ISR systems in HD with a 22" display

- 21.5" 16:9 aspect ratio, 1920 x 1080 resolution
- HD, SD, DVI and VGA input
- 7 screen modes
- Rugged, <8 kg, DO-160 display
- Configurable bezel buttons and I/O
- Touchscreen, NVIS, heated LCD, remote dimming options



Mission-specific versatility

- 21.5" 16:9 aspect ratio display with 1920 x 1080 resolution
- Standard quad processing option allows viewing of up to four inputs at once with six screen configurations
- Full complement of HD, SD, VGA and DVI connections allows variety of moving maps and map systems
- Sharp, crisp display that provides a pixel-for-pixel, sensor-to-display for HD sensors, ISR missions
- Rugged, milled aluminum frame with minimal footprint
- Optional variants: heated LCD, touchscreen, NVIS-B compatibility, remote dimming



CONTACT US

SCREEN MODES

The AVM4227Q offers six screen modes:*



Full-screen mode displays only one input signal.



Picture-in-picture mode displays two input signals simultaneously, one in a large format and one in a smaller window, whose position is configurable.



Picture-by-picture (or side-by-side) mode displays two input signals next to each other as equally sized images.



Quad mode displays four input signals in equal sizes.



Quad horizontal or vertical mode displays input signals as one large and three small images along top/bottom or left/right side of display.

*In each mode, aspect ratios can be maintained in letterbox format or set to stretch and fit or be cropped in the viewing space.

SPECIFICATIONS

Dimensions

Display Area	21.5" diagonal (546.1 mm)
Height	13.5" (342.9 mm)
Width	20.79" (528.06 mm)
Depth	3.12" (79.2 mm)
Weight	16.5 lb (7.49 kg)

I/O

Power	28 VDC
Composite Video	6 inputs/2 outputs
HD Video	4 inputs/2 outputs
VGA	2 inputs
DVI	2 inputs/1 output
Signals	NTSC, PAL, DVI, SMPTE 292M, VGA

Characteristics

Power Draw	2.5 A at 28 VDC (70 w); 4.8 A at 28 VDC (134.4 w) with heater
Aspect Ratio	16:9
Resolution	1920 x 1080 pixels
Horizontal Viewing Angle	180°
Vertical Viewing Angle	180°
Contrast Ratio	5000:1
NVIS	Class B (optional)
Operating Temperature	-45°C to +71°C (with heater)

Qualifications

DO-160G

Contact

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Learn more

rcrcy.com/displays



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