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AVM4120-R3
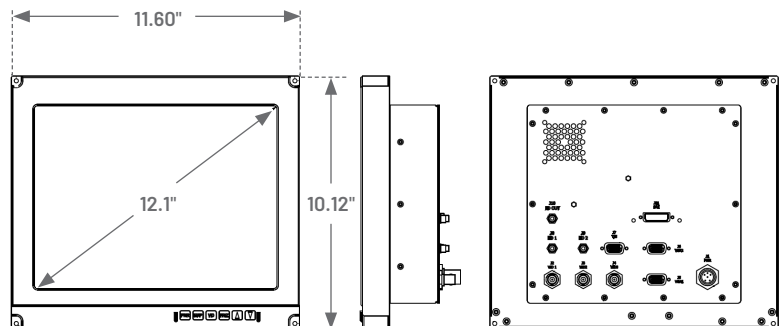## 12" HD Multi-Function Display

See mission details in high definition

- 12" HD color display column
- SD, VGA, HD, DVI inputs
- Sunlight-readable LCD
- Freeze/zoom capability

- Multiple screen modes
- Optional variants: NVIS-B, heater, touchscreen, HD, DVI

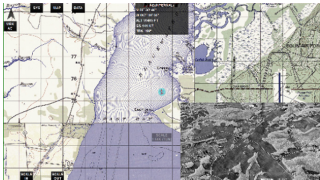### Don't miss any critical information with a highly capable, rugged display

- 12.1" 4:3 aspect ratio display
- 800 x 600 resolution
- SD, VGA, HD, DVI inputs for compatibility with a wide array of aircraft sensors and systems
- Rugged milled aluminum frame
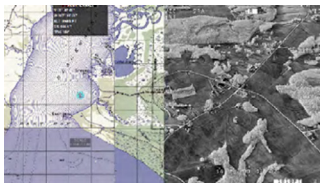- Backlit bezel buttons for easy operation in dim conditions

11.60"
12.1"
10.12"
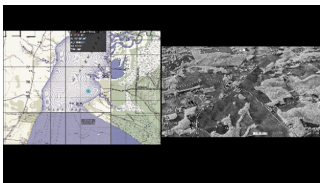
CONTACT US

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Displays only one input signal with full-screen mode.

Display two input signals simultaneously, one in a large format and the other in a configurable smaller window with picture-in-picture (PIP) mode.

Display two input signals simultaneously as equally sized images that are stretched/cropped to fit each window with split-screen (SS) mode.

Display two input signals as equally sized images (aspect ratios maintained) with picture-by-picture (PBP) or side-by-side mode. Excess screen space appears as black bars.

SPECIFICATIONS

Dimensions

Display Area	12.1" (307.3 mm) diagonal
Height	10.12" (257.1 mm)
Width	11.6" (294.6 mm)
Depth	3.2" (81.3 mm)
Weight	6.2 lb (2.81 kg)

I/O

Power	28 VDC
RS-170 Video	3 inputs
VGA	2 inputs
HD	1 input (optional)
Signals	NTSC, PAL, RS-170, VGA, SMPTE-292

Characteristics

Power Draw	3 A @ 28 VDC (typical); 5 A @ 28 VDC (with heater)
Aspect Ratio	4:3
Resolution	800 x 600
Horiz. Viewing Angle	160°
Vert. Viewing Angle	140°
Contrast Ratio	600:1
NVIS	Class B (optional)
Operating Temp	0°C to 55°C

Qualifications

DO-160

Variants (including combinations)

AVM4120-R3	Standard
AVM4120N-R3	NVIS-B Compatible
AVM4120T-R3	Touchscreen
AVM4120H-R3	Heater
AVM4120D-R3	SMPTE 292/HD
AVM4120I-R3	DVI Input

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