









AVM4108C

10" Widescreen HD Display



FEATURES //

-  10.1" 16:10 ASPECT RATIO DISPLAY
-  1280 X 800 RESOLUTION
-  HD HD & SD INPUTS
-  PIP & PBP SCREEN MODES
-  TOUCHSCREEN (OPTIONAL)
-  NVIS-B CAPABILITY (OPTIONAL)
-  RUGGED, MILLED ALUMINUM FRAME
-  BUILT-IN HEATER

SUNLIGHT-READABLE AND SIZED RIGHT //

Offering widescreen HD viewing, sunlight-readability and touchscreen responsiveness in a compact package, the AVM4108C is a powerful solution for airborne ISR operators.

This display is compatible with most remote mapping systems, digital video recorders, and other avionics devices. With a rugged, milled aluminum frame that is minimized around the 16:10 aspect ratio screen, it provides maximum display size in a minimal footprint.

The versatile and optimized viewing capabilities of the AVM4108C make it an ideal choice for operators who need HD, SD, and digital-map display capability on a smaller tactical platform.

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AVM4108C

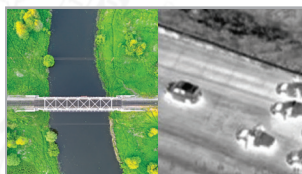
10" Widescreen HD Display



SCREEN MODES



The AVM4108C offers four screen modes: full screen, split screen (SS), picture-in-picture (PIP), and picture-by-picture (PBP), also known as side-by-side. Full screen mode displays only one input signal and maintains the aspect ratio of the input source.



Split screen displays two input signals simultaneously; these images are positioned next to each other and stretched vertically to fit the screen.



Picture-in-picture also displays two inputs simultaneously, one in a large format and one in a smaller window whose position is configurable via the display setup menus.



Like split screen, picture-by-picture (or side-by-side) displays two inputs next to each other; these images, however, retain the aspect ratios of their respective video inputs. Excess screen space appears as black bars.

SPECIFICATIONS

DIMENSIONS //

Display Area.....	10.1" diagonal	256.54 mm
Height.....	7.09".....	180.086 mm
Width.....	9.84".....	249.936 mm
Depth.....	1.89".....	48.006 mm
Weight.....	5 lbs	2.26 kg

I/O //

Power	28VDC
Composite Video	1 RS-170, 1 RGB input
HD Video	2 inputs, 1 output
Touchscreen	1 RS-232 interface
Signals	NTSC; PAL; STANAG3350B (RGsB); SMPTE292M

CHARACTERISTICS //

Max Power Draw.....	3.82A @ 28 VDC (w/ heater)
Aspect Ratio	16:10
Resolution.....	1280 (h) x 800 (v) (WXGA)
Horizontal Viewing	160°
Vertical Viewing	160°
Contrast Ratio	800:1
Refresh Rate.....	60 Hz
NVIS	Class B
Operating Temperature	-40 to +55 °C
Storage Temperature.....	-55 to +85 °C
Cooling.....	Passive

QUALIFICATIONS //

DO-160G

