









AVM4107C

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

BRIGHT, COMPACT, AND EFFECTIVE //

The AVM4107C is a key selection for airborne ISR operators who need HD, SD, and highly effective digital map display capability.

This widescreen HD display features a rugged, milled aluminum frame minimized around a 16:10 aspect ratio screen, which provides operators with maximum display size in a minimal footprint. It also features a bright, sunlight-readable, bonded glass screen that is touch-responsive and a wide dimming range. With its support of multiple HD and SD inputs, it allows operators versatile and optimized viewing capability.

The AVM4107C is an excellent display for use on smaller tactical platforms.

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AVM4107C

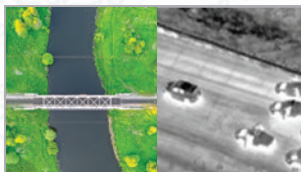
10" Widescreen HD Display



SCREEN MODES



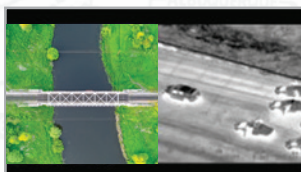
The AVM4107C offers four screen modes: full screen, split screen (SS), picture-in-picture (PIP), and picture-by-picture (PBP), also known as side-by-side. Full screen mode displays only one input signal and maintains the aspect ratio of the input source.



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 //

DC-160

