



# AVM4107C

## 10" Widescreen HD Multi-Function Display

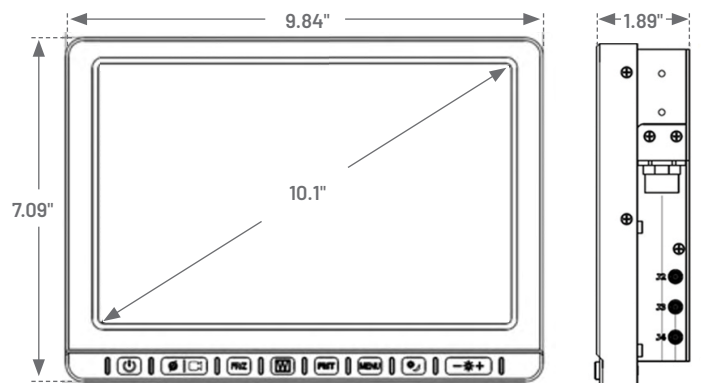
Use sensor and system inputs to your advantage with a bright and compact HD display

- 10.1" HD widescreen color display
- HD and SD I/O
- Sunlight-readable LCD
- Built-in heater
- Multiple screen modes
- Optional touchscreen and NVIS compatibility



### Bright, compact and effective

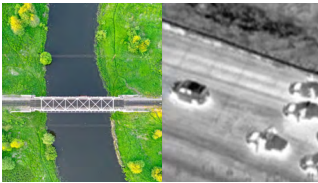
- 10.1" 16:10 aspect ratio display
- 1280 x 800 resolution
- HD and SD inputs
- Multiple screen modes
- Rugged, milled aluminum frame
- Built-in heater
- Optional variants: touchscreen, NVIS compatibility



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



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



Picture-in-picture mode 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 mode 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.

\*Modes are subject to change without notice.

**SPECIFICATIONS**

**Dimensions**

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

**I/O**

Power	28 VDC
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°C to +55°C
Storage Temperature	-55°C to +85°C
Cooling	Passive

**Qualifications**

DO-160

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