



Bring HD into your cockpit with a proven and compact LCD

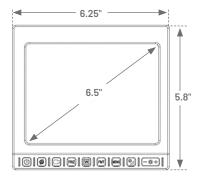
- 6.5" HD color display
- HD, SD, DVI and VGA I/O
- Sunlight-readable LCD

- Freeze/zoom capability
- Four screen modes
- Optional NVIS compatibility



# Small is powerful

- 6.5" 4:3 aspect ratio display
- 640 x 480 resolution
- HD, SD, DVI and VGA inputs/outputs
- Sunlight-readable LCD
- Rugged milled aluminum frame
- 6.25" GA rack width
- Thin profile
- NVIS compatibility (optional)







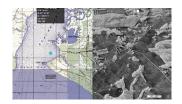
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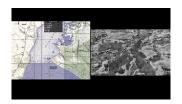
The AVM4066 offers four screen modes\*: full screen, split screen (SS), picture-inpicture (PIP) and picture-bypicture (PBP), also known as side-by-side. Full-screen mode displays only one input signal and maintains the aspect ratio of the input source.



Split-screen 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-bypicture 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.

#### **SPECIFICATIONS**

## **Dimensions**

Display Area	6.5" (165.1 mm) diagonal
Height	5.8" (147.32 mm)
Width	6.25" (158.75 mm)
Depth	0.55" (13.97 mm) from back of bezel
Weight	1.78 lb (0.81 kg)

#### 1/0

Power	28 VDC
Composite Video	3 inputs/1 loop-through
HD Video	1input/1loop-through
VGA	1
DVI	1
Signals	NTSC, PAL, SMPTE292M, VGA, DVI

## Characteristics

Power Draw	0.38A @ 28 VDC, 10.34 W
Aspect Ratio	4:3
Resolution	640 x 480
Horiz. Viewing Angle	160°
Vert. Viewing Angle	140°
Contrast Ratio	600:1
NVIS	Class B (optional)

#### Qualifications

MIL-STD-810G, MIL-STD-461F

# **Variants**

AVM4066N NVIS-compatible

Contact mission@mrcy.com +1850.470.8464 tel Learn more mrcy.com/displays











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<sup>\*</sup>Modes are subject to change without notice.