









AVM4066

6.5" HD Display



FEATURES ///

-  6.5" 4:3 ASPECT RATIO DISPLAY
-  640 X 480 RESOLUTION
-  HD, SD, DVI, AND VGA INPUTS / OUTPUTS
-  NVIS COMPATIBILITY (OPTIONAL)
-  SUNLIGHT-READABLE LCD
-  RUGGED MILLED ALUMINUM FRAME
-  GA RACK WIDTH 6.25"
-  THIN PROFILE

SMALL IS POWERFUL ///

When space is at a premium but an array of connection options are necessary, look to the AVM4066. Featuring HD, SD, DVI, and VGA inputs as well as optional NVIS compatibility with a compact 6.5" diagonal LCD, the AVM4066 offers exceptional capability packed into a 6.25", standard general aviation rack width shell. The 10-button backlit bezel puts a wealth of functionality at the operator's fingertip, including windowing, source selection, map activation, dimming, and freeze/zoom capability.

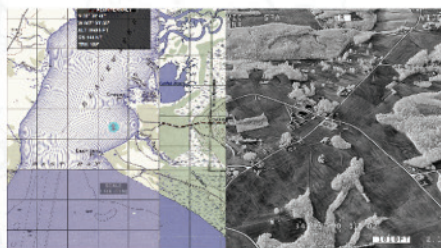
Based on a proven design that has served military and law enforcement operators for nearly a decade, the AVM4066 offers robust structural reliability in its milled aluminum frame and solid engineering. When space is tight, but the mission needs input flexibility, look no further than the AVM4066.

AVALEX
TECHNOLOGIES

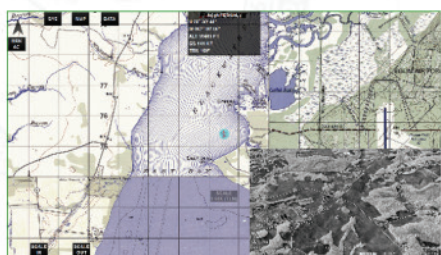
avalex.com



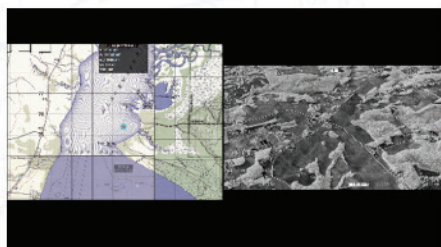
The AVM4066 offers four screen modes*: full screen, split screen (SS), picture-in-picture (PIP), and picture-by-picture (PBP), also known as side-by-side. Full screen displays only one input signal and maintains the aspect ratio of the input source.



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.

**Modes are subject to change without notice.*

SPECIFICATIONS

DIMENSIONS //

| | | |
|--------------|---------------|-----------------------------|
| Display Area | 6.5" diagonal | 165.1 mm |
| 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 lbs | 0.81 kg |

I/O //

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

CHARACTERISTICS //

| | |
|----------------------|------------------------------|
| Power Draw | 0.38A at 28 VDC, 10.34 watts |
| 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 |
|----------|-----------------|

