








# AVM4065

6.5" SD Display



## FEATURES ///

-  6.5" 4:3 ASPECT RATIO DISPLAY
-  640 X 480 RESOLUTION
-  SD AND VGA INPUTS
-  NVIS COMPATIBILITY (OPTIONAL)
-  SUNLIGHT-READABLE LCD
-  RUGGED MILLED ALUMINUM FRAME
-  SMALL FORM-FACTOR

## WHEN SIZE MATTERS ///

When space or power are at a premium, look no further than the AVM4065 for your standard-definition video needs. Offering three video inputs and one video output, as well as VGA, a full-color, sunlight-readable 4:3 LCD, and optional NVIS compatibility in a compact 6.5" diagonal design, this display is ideal for the playback of crisp video, maps, or computer graphics in cramped quarters. A scant 9 watts of power consumption makes this display an economical addition to an integration requiring power-hungry processors or mission computers. The 6-button lighted bezel offers simple one-touch control of video sources, computer graphics, and system menus.

The AVM4065 has supported military, law enforcement, and paramilitary operations for more than a decade. End users and integrators trust the display's solid engineering, which provides robust structural reliability in a minimal footprint.

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## ONE-TOUCH BUTTON FEATURES



### VIDEO //

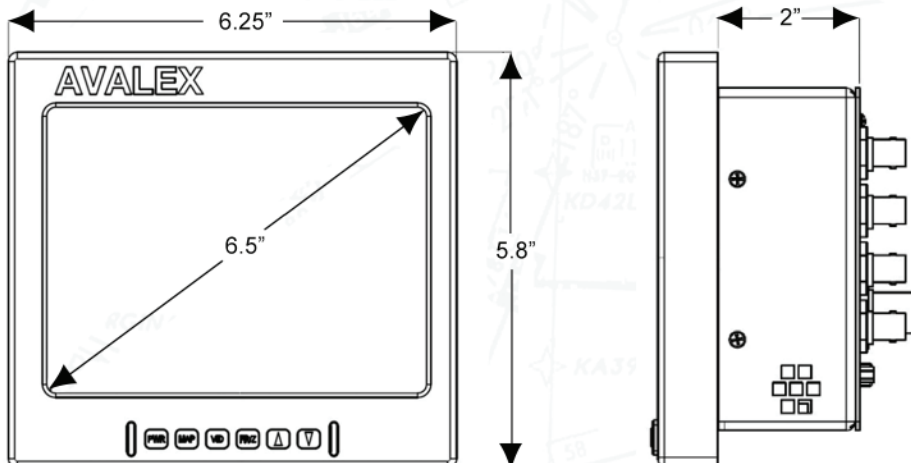
RS-170 video inputs on the AVM4065 can be used to view multiple composite sensor video feeds or can be configured to accept S-Video and RGsB video signals.

### MAPPING //

The VGA input on the AVM4065 can display computer input resolutions from 640x480 through full HD 1920x1080. Custom resolution support is available upon request.

### FREEZE / ZOOM //

The freeze feature on the display allows operators to quickly capture a still image of important events for review. The digital zoom feature enhances an operators ability to pick out distant objects. Both of these features can be combined into a single button press.



## SPECIFICATIONS

### DIMENSIONS //

Display Area	6.5" diagonal	165.1 mm
Height	5.8"	147.32 mm
Width	6.25"	158.75 mm
Depth	2"	50.8 mm from back of bezel
Weight	2.5 lbs	1.13 kg

### I/O //

Power	28 VDC
Composite Video	3 inputs / 1 output
VGA	1
Signals	NTSC, PAL, RS-170, VGA

### CHARACTERISTICS //

Power Draw	0.32A at 28 VDC, 9 watts
Aspect Ratio	4:3
Resolution	640 (h) x 480 (v) pixels
Horiz. Viewing Angle	160°
Vert. Viewing Angle	140°
Contrast Ratio	600:1
NVIS	Class B (optional)
Temperature	-20 to +71 °C, (operation) -30 to +71 °C (storage)

### QUALIFICATIONS //

MIL-STD-810F	DO-160	UH60-AWR
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### VARIANTS //

AVM4065N	NVIS-compatible
AVM4065J	Automatic power-on

