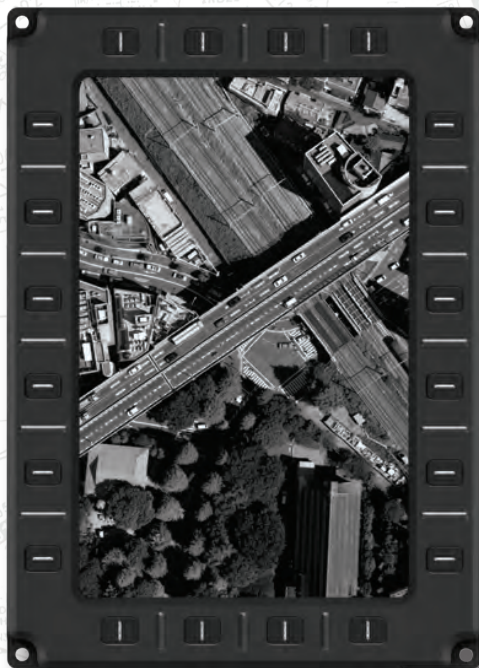


AVP4078N

7" Multi-Function Display



FEATURES ///

-  7" 16:10 ASPECT RATIO DISPLAY
-  800 X 1280 RESOLUTION
-  HD HD, SD, VGA INPUTS; SD,VGA OUTPUTS
-  X20 MULTI-FUNCTION BEZEL BUTTONS
-  DIMMING CAPABILITY
-  NVIS-B COMPATIBLE
-  RUGGED MILLED ALUMINUM FRAME
-  THIN PROFILE
-  SUNLIGHT-READABLE

NO LIGHT, NO PROBLEM ///

Maintain effectiveness even in low light conditions with the AVP4078N 7" multi-function display featuring a sunlight-readable, 1280x800 screen. The unit uses RS232 / RS422 communications for bezel button controls, and showcases imagery from VGA, HD (1080p), and SD input signals. The AVP4078N is an ideal choice for the operator with space constraints who needs crisp, HD video in challenging conditions.

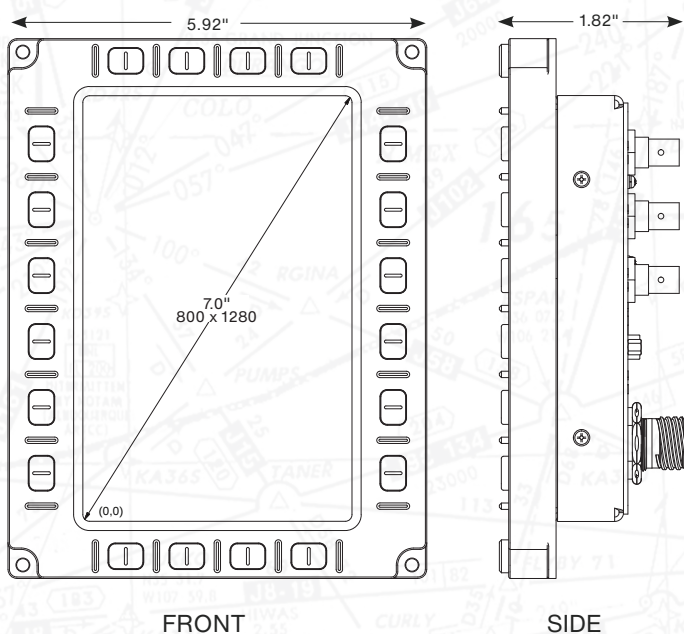
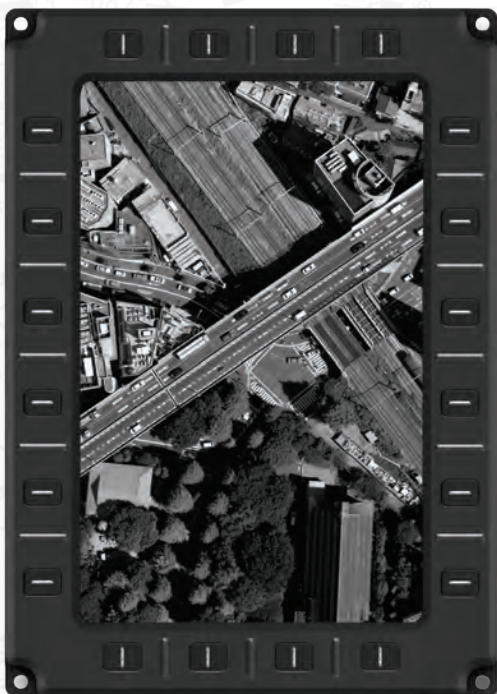
View full-screen maps, full-screen video, and both color and infrared sensor video, all with night-vision compatible backlit bezel button capability. This portrait LCD is the versatile, all-condition solution for meeting mission requirements.

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AVP4078N

7" Multi-Function Display



SPECIFICATIONS

DIMENSIONS //

Display Area.....	7" diagonal.....	177.8 mm
Height.....	7.63".....	193.802 mm
Width.....	5.92".....	150.368 mm
Depth.....	1.82".....	46.228 mm
Weight.....	2.12 lbs.....	96 kg

I/O //

Power.....	28VDC
Composite Video.....	1 RS-170 input, 1 RS-170 output
HD Video.....	1 input
VGA.....	1 input
Signals.....	NTSC; PAL; SMPTE292M

CHARACTERISTICS //

Aspect Ratio.....	16:10
Resolution.....	800 (w) x 1280 (h) pixels (WXGA)
Pixel Pitch (mm).....	0.117 x 0.117
Active Area.....	93.6 mm (h) x 149.76 mm (w)
Horizontal Viewing Angle.....	160° @CR ≥ 10
Vertical Viewing Angle.....	160° @CR ≥ 1
Daytime Luminance.....	1,109 nits
NVIS Luminance.....	0.015 nits
Contrast Ratio.....	800:1
Grayscale.....	256 shades of gray
Refresh Rate.....	60 Hz
Pixel Arrangement...	RGB stripe
Number of Colors....	16.7M (R G B, 8-bit digital each)
Luminance Uniformity.....	75%
Display/Keypad	
Backlight Filtering...	NVIS Class B
Temperature.....	-20 °C to +70 °C (operating), -30 °C to +80 °C (storage)
Cooling.....	Active
Maximum Power Requirements.....	.41 A @ 28VDC

QUALIFICATIONS //

Designed to meet MIL-STD-810G