

AWMV

ALL-WEATHER MONITOR with COMPOSITE VIDEO INPUTS

The slim-profile, lightweight AWMV all-weather monitor is housed in a billet aluminum enclosure with sealed connectors. Multiple mounting options allow for easy integration into confined spaces typically found in rugged industrial and mobile applications.

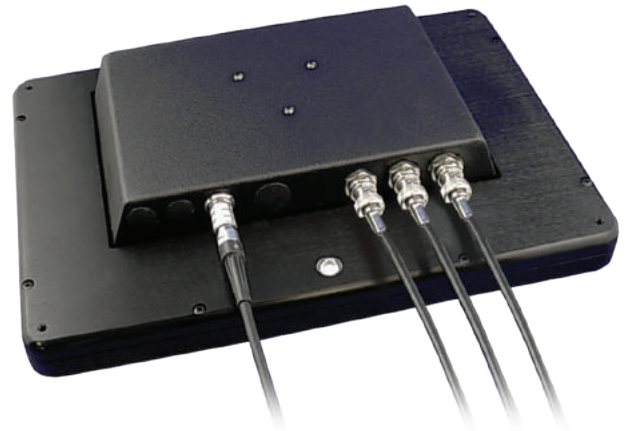
STANDARD FEATURES

- BNC Inputs (3)
- Composite Video: Auto Sensing NTSC, PAL Formats
- Picture-In-Picture (PIP)
- Sealed Connectors*
- LED Backlight (3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- IP67/NEMA 6 Enclosure
- 8.4", 10.4", 12.1" and 15.0" TFT AMLCD
- 10 ft. Power Cable Included

OPTIONAL FEATURE

- External VAC 120/240 Power Supply

STANDARD MOUNTS



* Video Cables not included

OPTIONAL MOUNTS



Panel



RAM



Flush



Rack



LCD SIZE	RESOLUTION	LUMINANCE	VIEWING ANGLE	CONTRAST RATIO	MAXIMUM POWER CONSUMPTION
8.4" TFT AMLCD	SVGA (800x600)	800 nits	160° (H) x 160° (V)	900:1	20 Watts
10.4" TFT AMLCD	SVGA (800x600)	800 nits	160° (H) x 160° (V)	900:1	20 Watts
12.1" TFT AMLCD	SVGA (800x600)	550 nits	160° (H) x 140° (V)	600:1	20 Watts
15.0" TFT AMLCD	XGA (1024x768)	800 nits	160° (H) x 140° (V)	800:1	40 Watts

TECHNICAL SPECIFICATIONS

Display	8-bit color, 16.777.216 colors, TFT AMLCD (Thin-Film Transistor Active-Matrix Liquid-Crystal Display)
Dimming Ratio	3000:1
Video Inputs	Composite Video (3), Auto Sensing NTSC and PAL-BGHID Formats
Connectors/Cable*	<ul style="list-style-type: none"> ▪ JAE to Flying Leads DC Input ▪ BNC Connector (3)
Housing	Milled AL, Black Anodized, UV Clear Coat
Mount Options	Standard: Panel or RAM; Optional Flush or 19" Rack, quoted individually.
Wide Range DC Power Input†	10-36 VDC (12, 24, 28 VDC nominal)
Power Conditioning	Protected against Internal Short Circuit, Load Dump, Over Voltage and Reverse Polarity

ENVIRONMENTAL SPECIFICATIONS

IP Rating	IP67 (NEMA 6 Submersible)
Operating Temperature	-20°C to 71°C (-4°F to 160°F); (-40°C (-40°F) with heater option)
Storage Temperature	-51°C to 71°C (-60°F to 160°F)
Humidity	0-100%
Shock	50 G
Vibration	5.8 G (5-500 Hz)
Altitude	45,000 ft.
EMI	Designed to meet FCC B, CE

* - Video Cables not included.

† - Power range specified covers momentary environmental fluctuations generally found in a mobile environment while display is operating. For power initialization and continual operation, nominal voltages are required.

ON-GOING PRODUCT DEVELOPMENT MAY NECESSITATE DESIGN AND SPECIFICATION CHANGES WITHOUT NOTICE.

AWMV SERIES(L) © 3/2022



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