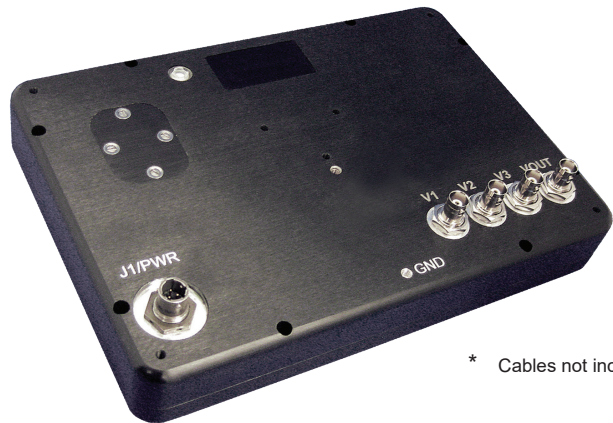


# AWM3V ALL-WEATHER MONITOR - RS-170 INPUT

The AWM3V display series when compared with the AWM2, offers a slimmer profile and industry standard PC connectors. Multiple mounting options allow for easy integration into confined spaces typically found in rugged industrial and mobile applications.

## STANDARD FEATURES

- (3) RS-170 Input
- (1) Video Output
- Auto Sensing NTSC/PAL
- SVGA Resolution (800x600)
- IP68 Sealed Connectors\*
- Picture-In-Picture (PIP)
- 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 AM LCD
- User Configurable Power/Brightness Settings



\* Cables not included

## STANDARD



**Panel Mount**  
(shown with  
accessory #900000)



**RAM Mount**  
(shown with accessory  
#220901 or #220916)

## OPTION



**Flush Mount**



LCD Size	Resolution	Nits	Viewing Angle	Contrast Ratio	Maximum Power Consumption
8.4" TFT AM LCD	SVGA (800x600)	800 nits	160° (H) x 160° (V)	900:1	20 Watts
10.4" TFT AM LCD	SVGA (800x600)	800 nits	160° (H) x 160° (V)	900:1	20 Watts
12.1" TFT AM LCD	SVGA (800x600)	550 nits	160° (H) x 140° (V)	600:1	20 Watts
15.0" TFT AM LCD	XGA (1024x768)	800 nits	160° (H) x 140° (V)	800:1	40 Watts
Technical Specifications					
Display	8-bit color, 16,777,216 colors				
Dimming Ratio	3000:1				
Video Inputs	RS-170				
Connectors*	<div><div></div>MIL-C Power (3-pin)<div></div>BNC (4) - Video In/Out</div>				
Housing	Milled AL, Black Anodized, UV Clear Coat				
Mounting	Flush, Panel or RAM Mount				
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	-30°C to 71°C (-22°F to 160°F)				
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				

\* - Please note cables not included; compatible with standard video cables. MIL-DTL-26482 Series I, 3-pin power cable mate and strain relief are included.  
Part#: PT06E833SSR.

† - The 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.