

# ALL WEATHER MONITOR

12.1" Rugged IP67 sealed High Brightness LCD w/LVDS ,  
12/24 Vdc Brightness 5-800 nits (Res.800 x 600)

Model: DOD1200V2L



The slim-profile, lightweight DOD1200V2L 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

- (1) LVDS Input
- Sealed Connectors
- USB Pass-Through
- LED Backlight (Extreme 3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- IP67/NEMA 6 Enclosure

## Optional Features

- Analog (RS232 or USB) Resistive Touch Screen
- XGA Resolution (1024x768)
- Internal Heaters

## Mounting Options

- Panel Mount
- RAM Mount



## Specifications

LCD Size	Resolution	Nits	Viewing Angle	Contrast Ratio	Maximum Power Consumption
12.1" TFT AM LCD	SVGA (800x600)	550 nits	160° (H) x 140° (V)	600:1	20 Watts
<b>Technical Specifications</b>					
Display	8-bit color, 16,777,216 colors				
Dimming Ratio	3000:1				
Video Input	DVI				
Connectors*	Molex, Amphenol				
Housing	Milled AL, Black Anodized, UV Clear Coat				
Mounting Options	Flush, Panel, 19" Rack 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				
<b>Environmental Specifications</b>					
IP Rating	IP67 (NEMA 6 Submersible)				
Operating Temperature	-20°C to 71°C (-4°F to 160°F) - (-40°C with heater option)				
Storage Temperature	-51°C to 71°C (-60°F to 160°F)				
Humidity	0-100%				
Shock	50G				
Vibration	5.8 G (5-500 Hz)				
Altitude	45,000 ft.				
EMI	Designed to meet FCC B, CE				



# Mechanical Drawings

