

RUGGED ALL-WEATHER SUNLIGHT READABLE

8.4" Rugged IP67 Sealed High Brightness LCD Brightness w/ VGA 800 nits, 800x600 Operating Temp -20C ~ 71C

Model: DOD8400R



The slim-profile, lightweight DOD 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

- VGA Input (1)
- SVGA Resolution (800x600)
- Auto Scaling VGA to UXGA
- Sealed Connectors*
- LED Backlight (3000:1 Dimming Ratio)
- Anti-Reflective and Anti-Glare Treatments
- Enhanced Sunlight Readability
- IP67/NEMA 6 Enclosure
- 8.4" TFT AMLCD
- 10 ft. RGB, Touch and Power Cable Included

OPTIONAL FEATURES

- Resistive Touch Screen (USB or RS232 Interface)
- XGA Resolution (1024x768)
- USB Pass-through with Sealed Connector
- External VAC 120/240 Power Supply



Standard cable length is 10 ft; inline amplifiers recommended for longer cable.

SPECIFICATIONS

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
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	VGA (1)				
Connectors/Cable*	Sealed Fischer to High Density DB-15 JAE to Flying Leads DC Input JAE to DB-9 Touch (Optional) JAE to Type-A USB Touch (Optional) JAE to Type-A USB Pass-through (Optional)				
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				

*Specifications subject to change without notice, not responsible for typographical errors.

*- Standard cable length is 10 ft; inline amplifiers recommended for longer cable.

†-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.

Modified: 04-05-2022

STANDARD MOUNTS



Panel



RAM

OPTIONAL MOUNTS



Flush



Rack