

# RUGGED ALL-WEATHER SUNLIGHT READABLE

8.4" 800x600 Rugged IP67 Sealed High Brightness 800nits LCD w/ BNC input x3, 12/24 VDC, LED Backlight

Add Heater for Low Temp Operation

Add Flush Mount Bezel with O-Ring (Will not provide ARM mount)

Model: DOD8400BNC-H-F-01

The slim-profile, lightweight DOD-BNC 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" TFT AMLCD
- 10 ft. Power Cable Included

## OPTIONAL FEATURES

- External VAC 120/240 Power Supply



Video Cables not included

## 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
<b>TECHNICAL SPECIFICATIONS</b>					
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*	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				
<b>ENVIRONMENTAL SPECIFICATIONS</b>					
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

†- The power range specified covers momentary environmental fluctuations generally found in a mobile environment while display is operating. For power initialization

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

**STANDARD**

**OPTIONAL**



Panel Mount



RAM Mount



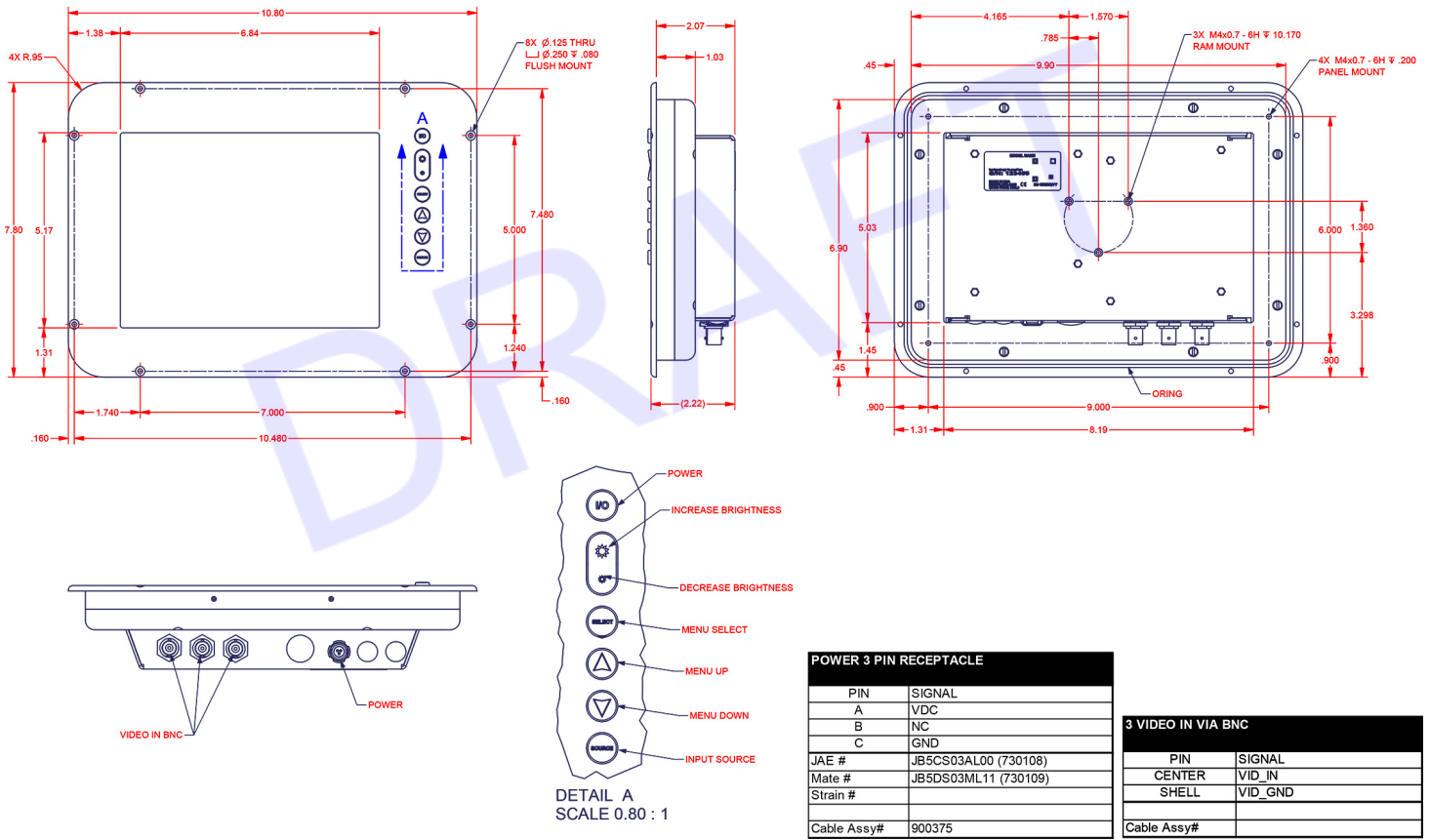
Flush Mount



Rack Mount

**SPECIFICATIONS**

*This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.*



Drawing No.: DOD8400BNC-H-F-01-04192023-V1