

# Military Multi-Functional Display (MFD)

## SDRML10D-G2

### 10.4" Military Grade LCD Monitor



#### Panel Specification :

• Size/ Type	: 10.4" TFT LCD
• Resolution	: 1024 x 768
• Brightness	: 1,000 (cd/m <sup>2</sup> )
• Contrast Ratio	: 1200 : 1 (typ.)
• Viewing Angle	: -88~88 (H) ; -88~88 (V)
• Max. Colors	: 16.2M
• Touch	: 5-wire resistive touch optical bonded on the panel (Optional)
• Glass	: AR Protective Glass (Touch and glass are either one)

#### Specification

##### System:

• Brightness	: 0~100% Dimming Control (256 level)
• Control Buttons	: 21-Key Programming Buttons (7 keys for OSD control, 14 keys controlled through RS232)
• Bonding	: Optical bonding for 1. Panel +Touch or 2. Panel +Glass
• Mounting	: VESA Mount / Panel Mount
• Material	: Full Alu. alloy
• Housing Coating	: 1. Bottom layer coating for EMI protection 2. Electronic parts coating for salt/fog protection

#### Input / Output :

• HD-SDI	: 1 x HD-SDI Input (BNC type)
• Video	: 1 x Video (NTSC/PAL) Input, 1 x Video (NTSC/PAL) Output (BNC type)
• D38999	: 1 x DVI Input (For optional)
• D38999	: 1 x DC Power Input

#### Power Specification :

• Power Input	: 12~36V DC Input (MIL-STD-1275 Compliance)
• Power Consumption	: 35 watts (typical)

#### Environment Tolerance:

• Operating Temp.	: -25 deg. C to 60 deg. C (-40 deg. C to 60 deg. C for optional)
• Storage Temp.	: -40 deg. C to 80 deg. C
• Operating Humidity	: 5% to 95% (Non Condensing)
• IP65	: Full-IP67
• EMI	: MIL-STD-461F Compliance
• Reliability	: MIL-STD-810G Compliance

#### Order Options :

• Mounting Stand	: 30°~ 90° Swivel Bracket (Optional)
• High Brightness	: 1,000 nits Sunlight Readable (Optional)
• Protective glass	: Protective AR glass (Optional)
• EMI Mesh	: EMI mesh filter (Optional)
• Heater	: Heater glass for -40 C Operating temperature

#### Drawings

