



Model: ROD700

Rugged 7" Monitor with NUC & B/W & ROI Control

FEATURES:

- Hardened Anti-Reflection Glass: 7H
- Optical Bonded Glass
- Sunlight Readable
- Safety Housing Design
- Provide Extra DC 9V Power To External Thermal Camera
- IP65 Waterproof Level
- Pin Assignment Can Be Customized
- Meet MIL-STD-810F & MIL-STD-461E
- Meet TAF Lab's EQT Test



The ROD700 is designed as a military display solution. It meets all the required MIL-STD-810F environmental standards as well as full IP65/NEMA4 enclosure. It also meets the MIL-STD-461E EMI standard. Encased inside a solid housing design with hardened glass for display protection of its 7" sunlight readable LCD. Most special feature includes the built-in output for external thermal camera power connection as well as integrated control.

System	
LCD	7.0"
Input Interface	Digital RGB (6bits/color) Data
Resolution (H/V)	800 x 600
Luminance (cd/m2)	600
Contrast Ratio	400:1
Viewing Angle	130 H / 115 V
Pixel Pitch (mm)	0.2055 (H) x 0.2055 (V)
Power Input Range	18 V ~ 32 V DC
Weight	1.85 Kg
Color	Army Green
Mounting Device	Optional
Certificate	MIL-STD-810F * MIL-STD-461E
Dimension	210.2 x 154.6 x 45 (mm)
Connector	Power: MS3116F 8-4S to JMS3116F 8-4S Service: D38999/23WD35SN to D38999/26WD35PN
Power Pinout A	PWR_IN+
Power Pinout B	PWR_IN+
Power Pinout C	PWR_RET-
Power Pinout D	PWR_RET-
Service Pinout 1	Video_In : Receive Video Data
Service Pinout 2	Video_Rtn : Video Receive Return
Service Pinout 11	VCC : DC 9V Out to Camera
Service Pinout 12	VCC Return : DC 9V Return
Service Pinout 20	Digital Ground : Digital Ground from Camera
Service Pinout 34	Zoom : From Camera to 7" Monitor
Service Pinout 35	Polarity : From Camera to 7" Monitor
Service Pinout 36	NUC : From Camera to 7" Monitor
Service Pinout 37	Shield GND : Shielding Ground
Service Pinout 3~10	N/A
Service Pinout 13~19	N/A
Service Pinout 21~33	N/A



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MECHANICAL DRAWING

