

Military Rugged LCD

Military rugged 10U 19" LCD Wide Temperature for Severe Environments IP67 with Optical Bonding

(Model: RRM1019TS)



Features:

- Rugged Enclosure design
- Customize design
- Fanless design (low power consumption)
- Front Panel Optical Bonding
- Modulize design
- Anti-glare surface treatment
- Standard VESA mounting hole support
- IP67
- Optional : Sunlight Readable

Specifications

Panel size	19" 5:4
Resolution	1280 x 1024 pixels (SXGA)
Brightness	300 cd/m ²
Contrast Ratio	800:1
Touch Panel	Resistive touch panel
Touch Screen Driver Support	Win7, Win Xp/2000, Win98/95, Windows Embedded Family
Sunlight Readable	Optional
Dimension	480 x 400 x 80 mm (18.9" x 15.7" x 3.1")
Backlight Life Time	30,000/hr

I/O Unit

Signal input	DVI-D 1 x VGA-in (D-sub 15pin) 5 x BNC-in (R / G / B / H / V) 1 x Video-in (NTSC) MIL-STD D38999 / MS27508E10F35S (RM-190N : VGA-in / RM-190T : RS-232)
Signal output	D-sub (VGA Loopout)
Power Connector	MIL-STD D38999 / MS27508E12F3P

General Data

Weight	33 lbs (15kg)
Color	Gray / Black
MTTR	Less than 30 minutes
MTBF	50000 hrs

Power Input

Power	Input 90-240V AC
Power Consumption	50 W (typ.) / 100W (max.)

Heater Unit

Heater	-40-0°C
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Control Buttons

OSD Buttons	Power / BIT / Menu / Up / Down / AUTO
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Indicator

Power	Power ON: LED "Green" ; Fault : LED "Amber"
Over Temperature	≥50 °C : LED "Red"

Environment Specifications

Vibration	MIL-STD-810G Compliance
Shock	MIL-STD-810G Compliance
Operation Temperature	-30~65 (-22~148.9) / MIL-STD-810G Compliance
Storage Temperature	-40~85 (-40~184.9) / MIL-STD-810G Compliance
Humidity	98% (non-condensing)@ 40 / MIL-STD-810G Compliance
Drip proof	IP65
EMI/EMC	MIL-STD-461F Compliance / CE Class B
Safety	IEC 60950
Warranty	3 years warranty (5 years optional)

Applications

- Radar station
- Tower control
- Air traffic control
- Avionics display
- Marine bridge system display
- C4ISR System
- Military aerospace display
- Field traffic control

System Rear View



Mechanical Drawings

