

Military Rugged LCD

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

(Model: RRM1019)



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
--------	---------

Control Buttons

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

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

