

MOJAVE RD19

fully rugged 19" display



AMREL[®]
Pioneering Customized Rugged Solutions



BUILT TOUGH FOR TOUGH JOBS, the fully rugged MOJAVE RD19 display works in even the harshest conditions. Certified for the most demanding military ruggedness standards, the MOJAVE RD19 display performs in severe temperatures, extreme vibrations, water, sand, and whatever else a hostile environment can throw at it. Night vision modifications, security measures, and military connectors are available. While it can be used as a stand-alone device, the **MOJAVE RD19 is the perfect display** for a vehicle that carries out important missions, but sees rough use and heavy action.



Technical specification

Display	19" TFT display (48,3 cm visible area)
Resolution	SXGA 1280 x 1024 pixel
Format	5:4
Display colors	Displays up to 16.7 million colors
Viewing angle	Vertical: 80° Horizontal: 80°
Contrast	1000:1
Luminance	typ. 350 cd/m ²
Reaction time	5 ms (GtoG)
Certification	IP 65 (front side), IP54 interfaces MIL-STD 810G
Case	Rugged steel and aluminum case
Color	Standard: military green, military grey (navy grey) (other colors on request)
Dimensions	18.90" x 15.94" x 3.62"
Weight	23.15 lbs

MIL-STD 810G	Operating	Storage
Temperature Method 501.5 & 502.5, (Procedure I, II)	-20°C to +55°C -25°C with heater	-40°C to +60°C
Temperature Shock Method 503.5, (Procedure I)	-20°C to +55°C	-20°C to +55°C

Designed to Meet:

MIL-STD 810G	Operating	Storage
Altitude Method 500.5, (Procedure I, II)	4572 m (15000 ft)	12192 m (40000 ft)
Humidity Method 507.5, (Procedure I)	five 24 h test cycles 95 %	five 24 h test cycles 95 %
Salt fog Method 509.5, (Procedure I)	N/A	5 %, 35° C (95°F)
Vibration Method 514.6, Category 1 Method 514.6, Category 20 (Procedure I) Method 514.6, Category 24 (Procedure I)	<ul style="list-style-type: none"> Tracked Vehicle Vibration Comp. Wheeled Vehicle Vibration All Material - minimum integrity test 	<ul style="list-style-type: none"> Tracked Vehicle Vibration Comp. Wheeled Vehicle Vibration All Material - minimum integrity test
Shock / drop Method 516.5, (Procedure I)	40 g, 11 ms	40 g, 11 ms

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MOJAVE RD19 rear side



MOJAVE RD19 interfaces



MOJAVE RD19 with circuit breaker



MOJAVE RD19 with Stand Unit

More Technical Specification

- OSD menu in front panel
- Varnished fine structure (e.g. military green)
- Coated filter screen
- Power input 19V_{DC}
- Grounding bolt
- Circuit breaker
- 2 carrying handles (optional)

Interfaces

- 2x USB
- Invisible mode / door contact activation (night vision) (optional)
- VGA
- DP-DVI
- DC-In

Options

- Remote key function (power on at display for 19/2® rugged network and servers)
- Night vision function (for use with night vision goggles)
- Dim down for camouflage purpose / invisible mode (night vision)
- Touch screen
- 2 carrying handles
- Rugged transportation box
- Display mounting:
 - e.g. for vehicle installation
 - MOJAVE StandUnit
- ShockMount mounting, designed to meet MIL-STD 810G
- Certification according to SDIP 27 Level B (BSI Zone 1)
- 230V_{AC} versionB)

*interfaces are available with standard industry connectors or military grade connectors