MOJAVE RD24

fully rugged 24" display

NEW!

AMREL®

Pioneering Customized Rugged Solutions

THE BEST DISPLAY FOR THE WORST CONDITIONS.

Shock mounted to meet the military's demanding ruggedness standard, MIL-STD 810, this 24" display operates in severe temperatures, extreme vibrations, water, sand, and whatever else a hostile environment can throw at it. Designed for the needs of today's combat forces, the MOJAVE RD24 has special features for Night vision and security. While it can be used as a stand-alone device, the MOJAVE RD24 is the perfect display for a vehicle that that carries out important missions, but sees rough use and heavy action.

WATER FROST SAND SHOCK HEAT DROP

Technical specification

Display	24" LED LCD color display (ca. 55 cm visible screen size)
Resolution	WUXGA 1920 x 1200 pixel
Format	16:10
Display colors	Displays up to 16.7 million colors
Viewing angle	Vertical: 178° Horizontal: 178°
Contrast	1000:1
Luminance	Typ. 550 cd/m^2
Reaction time	14 ms (GtoG)
Certification	IP 65 (front side), IP54 interfaces Designed to meet MIL-STD-810G
Case	Rugged steel and aluminum case
Color	Standard: military green, military grey (navy grey) (other colors on request)
Dimensions	24.02" x 16.54" x 3.15"
Weight	33.07 lbs

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MIL-STD 810G	Operating	Storage
Temperature Method 501.5 & 502.5, (Procedure I, II)	-20°C to +50°C (-4°F to 122°F) -20°C (-13°F) with heater	-25°C to +60°C (-13°F to 140°F)
Temperature Shock Method 503.5, (Procedure I)	-20°C to +50°C (-4°F to 122°F)	-20°C to +50°C (-4°F to 122°F)

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 507.4	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)	Tracked Vehicle Vibration Comp. Wheeled Vehicle Vibration All Material - minimum integity test	Tracked Vehicle Vibration Comp. Wheeled Vehicle Vibration All Material - minimum integity test
Shock / drop Method 516.5, (Procedure I)	40 g, 11 ms	40 g, 11 ms

WATER JET RESISTANT

SHOCK RESISTANT

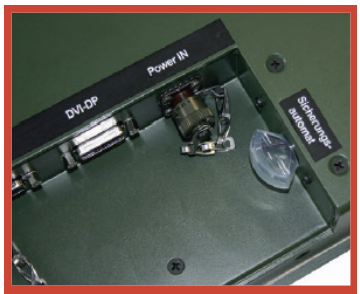
DROP RESISTANT

FROST RESISTANT

HEAT RESISTANT

MOJAVE RD24 rear side

MOJAVE RD24 interfaces



MOJAVE RD24 with circuit breaker

MOJAVE RD24 with Stand Unit

...More Technical Specification

- OSD menu in front panel
- Varnished fine structure
- Coated filter screen
- Power Input 19 V_{DC}
- Grounding bolt
- Circuit breaker
- *2 carrying handles (optional)*

Interfaces

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

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

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
  - StandUnit
- Shock mounted, designed to meet MIL-STD-810G

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