

MOJAVE RD15

fully rugged 15" display



AMREL[®]
Pioneering Customized Rugged Solutions



15 INCHES OF PURE TOUGHNESS.

Certified for MIL-STDs 810 & 461, no other display comes close in reliability, durability, and survivability. The MOJAVE RD15 display has proven itself in severe temperatures, extreme vibrations, water, sand, and whatever else a hostile environment can throw at it. Use as a stand-alone device or as an in-vehicle display.



WATER



FROST



SAND



SHOCK



HEAT



DROP

Technical specification

Display	15" TFT display (38.1 cm visible area) VGA, SVGA, XGA (max. 60 Hz) Integrated touch screen, resistive
Resolution	XGA 1024 x 768 pixel
Format	4:3
Display colors	Up to 16.7 million colors or 256 levels of grey
Viewing angle	Vertical: 160° Horizontal: 160°
Contrast	480:1
Luminance	typ. 250 cd/m ²
Reaction time	25 ms (T _{on} +T _{off})
Certification	IP 65 (front side), IP54 interfaces MIL-STD 810G
Case	Rugged magnesium housing
Color	Standard: military green, military grey (navy grey) (other colors on request)
Dimensions	13.82" x 11.81" x 2.24"
Weight	7.72 lbs

MIL-STD 810G	Operating	Storage
Altitude Method 500.4, (Procedure I, II)	4572 m (15000 ft)	4572 m (15000 ft)
Temperature Method 501.4 & 502.4, (Procedure I, II)	-32°C to +55°C	-40°C to +80°C
Humidity Method 507.4	+30°C to +60°C at 95%	+30°C to +60°C at 95%
Salt fog Method 509.5, (Procedure I)	5 %, 35° C (95°F)	5 %, 35° C (95°F)
Vibration Method 509.4, (Procedure I)	5 - 500 Hz, 1 g	5 - 500 Hz, 1 g
Shock / drop Method 516.5, (Procedure I)	15 g, 11 ms	15 g, 11 ms



MOJAVE RD15 interfaces STD



MOJAVE RD15 interfaces MIL



MOJAVE RD15 with Stand Unit



MOJAVE RD15 vehicle installation

More Technical Specification

- 8 programmable function keys
- Luminance of the display and keyboard dimmable separately
- Delay of the power button (ON / OFF <- press 5 sec)
- Mousepad with right and left mouse button
- 2 speakers
- Dimmable backlight to 10%
- Quick shut down the backlight
- OSD menu in front panel
- Traction relief

Interfaces

- 2x USB
- VGA
- DP-DVI
- MIL DC-In

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

Options

- Display mounting:
 - e.g. for vehicle installation
 - StandUnit
- Certificated for SDIP 27 Level B (BSI Zone 1)
- PiP picture in picture function
 - 2 signal sources can be processed simultaneously

