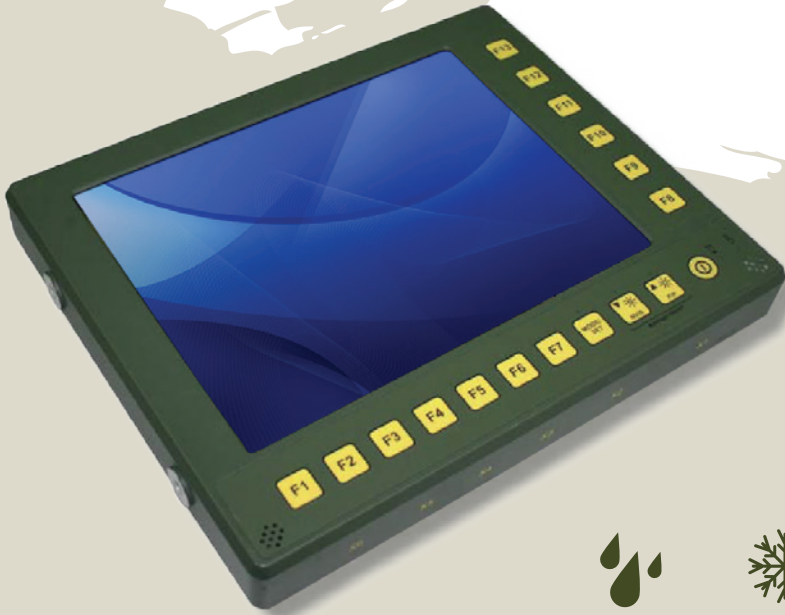


MOJAVE RD10



fully rugged 10.4" display

AMREL[®]
Pioneering Customized Rugged Solutions



10.4 INCHES OF PURE TOUGHNESS.

No matter how challenging the environment, the MOJAVE RD10 multifunction display keeps on working. Designed specifically for in-vehicles applications, the MOJAVE RD10's special metal housing provides an extra level of protection to ensure reliable operation for critical mobile missions. Optional customized assembly systems are available for a wide range of applications.



WATER



FROST



SAND



SHOCK



HEAT



DROP

Technical specification

Display	10.4" TFT display (26.4 cm visible area) VGA, SVGA, XGA (max. 60 Hz) intergrated 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: 80° / 40° Horizontal: 160°
Contrast	400:1
Luminance	typ. 250 cd/m ²
Reaction time	25 ms (T _{on} + T _{off})
Certification	IP65, MIL-STD 810F, MIL-STD 461E
Case	Rugged aluminum housing
Color	military green, other colors on request
Dimensions	11.54" x 9.25" x 2.44"
Weight	6.61 lbs

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MIL-STD 810G	Operating	Storage
Temperature Method 501.4 & 502.4, (Procedure I, II)	-25.6°F to +131°F	-40°F to +176°F
Vibration Method 514.5, Category 20	5 - 500 Hz, 1 g	5 - 500 Hz, 1 g
Shock / drop Method 516.5, (Procedure I)	<ul style="list-style-type: none"> • 15g, 3ms 100 hits vertical, half sine • 100g, 0,5ms 3 hits per axis, half sine • 25g, 6ms 3 hits per axis, half sine 	<ul style="list-style-type: none"> • 15g, 3ms 100 hits vertical, half sine • 100g, 0,5ms 3 hits per axis, half sine • 25g, 6ms 3 hits per axis, half sine



MOJAVE RD10 rear side



MOJAVE RD10 interfaces



MOJAVE RD10 with StandUnit



MOJAVE RD10 vehicle installation

... more technical specifications

- 13 programmable function keys
- luminance of the display and keyboard dimmable separately
- delay of the power button (ON / OFF <- press 5 sec)
- 2 speakers
- dimmable backlight to 10%
- NVIS compatible
- Invisible mode integrated in DC-In connector
- quick shut down the backlight
- OSD menu in front panel
- grounding bolt
- PiP picture in picture function
 - 2 signal sources can be processed simultaneously

Interfaces

- MIL DC-In (integrated invisible mode)
- MIL Video-In (for PiP function)
- 2x MIL USB 1.1
- MIL DP-DVI / combo
- MIL VGA / combo (optional / trade-off with DVI Combo)

Options

- display mounting:
 - e.g. for vehicle installation
 - MOJAVE StandUnit
- certificated for SDIP 27 Level B (BSI Zone 1)