

MOJAVE RD40 / RD46



AMREL[®]
Pioneering Customized Rugged Solutions

fully rugged 40" & 46" displays



GET THE BIG PICTURE WITH THE RD40 & RD46 RUGGED DISPLAYS

Available in 40" and 46" sizes, these rugged, touchscreen TFT displays are typically used in military communication centers, command posts, and briefing stations. MOJAVE RD40 and RD46 are flexible and durable solutions for military operations.



WATER



FROST



SAND



SHOCK



HEAT



DROP

Technical specification

Display	40" or 46" TFT display (101 cm visible area)
Resolution	HD1080, 1920 x 1080 pixel
Format	16:9
Display colors	Up to 16.7 million colors or 256 levels of grey
Viewing angle	Vertical: 178° Horizontal: 178°
Contrast	1000:1 for 40" 3000:1 for 46"
Luminance	typ. 700 cd/m ²
Reaction time	8 ms (GtoG)
Certification	IP54 Designed to meet MIL-STD 810G Designed to meet MIL-STD 461F
Case	Rugged steel & aluminum housing
Color	military green, other colors on request
Dimensions	39.72" x 24.29" x 4.72" (40" display) 45.87" x 28.35" x 5.31" (46" display)
Weight	88.18 lbs for 40" 132.28 lbs for 46"

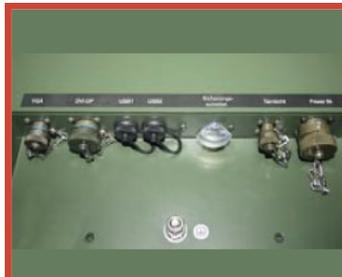
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MIL-STD 810G	Operating	Storage
Altitude Method 500.5, (Procedure I, II)	4572 m (15000 ft)	12192 m (40000 ft)
Temperature Method 501.5 & 502.5, (Procedure I, II)	32°F to +104°F -4°F with heater	-4°F to +140°F
Humidity Method 507.5, (Procedure I)	five 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)	Tracked Vehicle Vibration Comp. Wheeled Vehicle Vibration All Material - minimum interity test	Tracked Vehicle Vibration Comp. Wheeled Vehicle Vibration All Material - minimum interity test
Shock / drop Method 516.5, (Procedure I)	40 g, 11 ms	40 g, 11 ms



MOJAVE RD40 rear side



MOJAVE RD40 interfaces



MOJAVE RD40 with Stands



MOJAVE RD46 with Stands

... more technical specifications

- ruggedised cabinet made of steel and aluminum
- OSD menu in front panel (8 keys, 2 LEDs)
- varnished fine structure (e.g. RAL 6031 military green)
- coated filter screen
- power Input 19 V_{DC}
- grounding bolt
- circuit breaker
- 4 carrying handles (optional)

Touch screen

- IR-Touch (infrared)

Options

- remote key function
(power on at display for 19/2[®] rugged network and servers)
- night vision compatible
(for use with night vision goggles)
- dim down for camouflage purpose / invisible mode
- 4 carrying handles
- Display mounting
 - e.g. for vehicle installation
 - stands
- rugged transportation box
- dual touch screen (capacitive)
- heater for -20°C operating