

Display

full rugged

RD40

40" display



WATER



SAND



FROST



HEAT



SHOCK



DROP

The RD40 display allows the optimal use for modern management systems and communication, even at roughest ambient conditions. Customized mounting systems (optional available) offer a wide range of applications.

Technical specification

Display	40" TFT display (101 cm visible area)
Resolution	UHD / 3840 x 2160 pixel
Format	16:9
Display colours	up to 16.7 million colours
Viewing angle	vertical: 178° horizontal: 178°
Contrast	4800:1
Luminance	up to 350 cd/m ²
Reaction time	9.5 ms (GtoG)
Certification	IP54 designed to meet MIL-STD-810G designed to meet MIL-STD-461F
Housing	rugged steel & aluminum housing
Colour	military green (RAL 6031 HR), other colours on request
Dimensions	1009 x 617 x 120 mm (W x H x D)
Weight	ca. 40 kg

Designed to meet:

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)	-20°C to +40°C	-20°C to +60°C
Humidity Method 507.5, (Procedure I)	five 24 h test cycles 95 %	five 24 h test cycles 95 %
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 516.6, (Procedure I)	40 g, 11 ms	40 g, 11 ms



RD40 rear side



RD40 interfaces



RD40 with stands



RD40 vehicle installation

more technical specifications

- 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
- heater for -20°C operating (30 min. heating time)

Interfaces

- 1x VGA
- 1x DP-DVI
- 2x USB
- 1x MIL DC-In
- 1x invisible mode / door contact activation (optional)

*all interfaces are available with standart
or military grade connectors

All roda displays from RD series support the remote function (RD-DVI).

With remote function you can turn on the RD series display and the connected Rocky unit by only pressing the power button of the display. Also USB device signals like keyboard and mouse, which are connected to the RD displays USB-port, will be send via the display signal to the Rocky unit.

Touch screen

- IR-Touch (infrared)

Options

- 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)



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