

Display

full rugged

RD15

15" display



The RD15 multifunction display allows the operation at nearly all ambient conditions. The robust metal housing was designed especially for the installation in protected vehicles. Customized mounting systems (optionally available) offer a wide range of applications.

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 colours	up to 16.7 million colours or 256 levels of grey
Viewing angle	vertical: 160° horizontal: 160°
Contrast	700:1
Luminance	up to 600 cd/m ²
Reaction time	25 ms (T _{on} +T _{off})
Certification	IP65 (front side), IP54 interfaces MIL-STD 810F, MIL-STD 461E Ground Navy
Housing	rugged magnesium housing
Colour	military green (RAL 6031 HR), other colours on request
Dimensions	351 mm x 300 mm x 57 mm
Weight	ca. 4 kg

Display RD15

MIL-STD 810F	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)	-31°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 509.4, (Procedure I)	5 %, 35° C	5 %, 35° C
Vibration Method 514.5, Category 20	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

 **WATER JET**
RESISTANT

 **SHOCK**
RESISTANT

 **DROP**
RESISTANT

 **FROST**
RESISTANT

 **HEAT**
RESISTANT



RD15 interfaces STD



RD15 interfaces MIL



RD15 with StandUnit



RD15 vehicle installation

more technical specifications

- 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
 - RD19 StandUnit
- certified for SDIP 27 Level B (BSI Zone 1)
- PiP picture in picture function
 - 2 signal sources can be processed simultaneously

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.



roda
solid IT-solutions

Landstraße 6
77839 Lichtenau, Germany
www.roda-computer.com

Tel.: +49 (0) 72 27 / 95 79 - 0
Fax: +49 (0) 72 27 / 95 79 - 20
mail@roda-computer.com