

Serval RD15 FHD-02

full-rugged 15.6" display



The RD15-FHD-02 multifunction display allows operations at nearly all ambient conditions. The rugged metal housing was especially designed for the installation in protected vehicles. Customized mounting systems (optional available) offer a wide range of applications.

Technical specification

Display	15.6" SFT-TFT LCD with LED Backlight <ul style="list-style-type: none">• hardened, scratch resistant• resistive touch screen
Resolution	Full HD / 1920 x 1080 pixel
Format	16:9
Display colours	up to 16.7 million (8 bit / colour)
Viewing angle	vertical: 160° horizontal: 160°
Contrast	750:1
Luminance	max.: up to 800 cd/m ² min.: 0.3 cd/m ²
Reaction time	30 ms (T _{on} +T _{off})
Certification	IP65 MIL-STD 810G MIL-STD-461G, CE102-1, RE102-4 Ground Fixed
Housing	milled aluminum housing
Colour	bronze green (RAL 6031 HR) deep black (RAL 9005 HR)
Dimensions	393 x 270 x 66 mm (W x H x D)
Weight	approx. 4.8 kg

MIL-STD-810F	operating	storage
Temperature Method 501.4 & 502.4, (Procedure I, II)	-31°C to +60°C	-40°C to +85°C
Vibration Method 514.5, (Procedure I)	Kat. 20, Fig. 514.5C-3	Kat. 20, Fig. 514.5C-3
Shock Method 516.5, (Procedure I)	15g, 3ms 100 Stöße vertikal, Halbsinus 100g, 0,5ms 3 Stöße pro Achse, Halbsinus 25g, 6ms 3 Stöße pro Achse, Halbsinus	



more technical specifications

- backlight brightness adjustment keys
- Keypad for mouse interface
- Night Vision Goggle compatibility
- OSD menu via top control
- DC-Input 18 - 32 V_{DC} (24 V_{DC}) / 35 W (according VG96916)

Interfaces VG 96912

- 2x USB (SJT00GS-08-35SA)
- 1x VGA (SJT00GS-12-35SA)
- 1x RD-DVI (SJT00RT12-35SN)
- 1x Composite Video Input (SJT00GS-12-35SN)
Optional: SDI-Eingang (HF 75 Ohm BNC 4GHz)
- 1x MIL DC-In (SJT00RT-8-98PN)

Factory Options

- 8 programmable function keys (e.g. F1-F8)

Options

- additional SDI inputs
- all interfaces as standard connectors
- built in stereo speakers
- display mounting:
 - e.g. for vehicle installation
 - RD15-FHD StandUnit

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.

v1.1