

# Serval RD15 UXGA-03

full-rugged 15" display

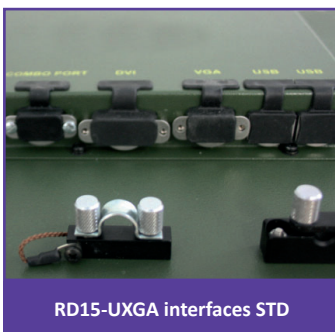


The RD15-UXGA-03 15" multi-function display allows operations under nearly all environmental conditions. The rugged metal housing is designed for the utilization in Military vehicles. Customised mounting systems (optional available) ensure a wide range of applications.

## Technical specification

<b>Display</b>	15" TFT colour display (38.1 cm visible screen size) LED backlight, integrated touch screen (resistive)
<b>Resolution</b>	UXGA / 1600 x 1200 pixel
<b>Format</b>	4:3
<b>Display colours</b>	displays up to 16.7 million colours or 256 levels of grey
<b>Viewing angle</b>	vertikal: 160° horizontal: 160°
<b>Contrast</b>	700:1
<b>Luminance</b>	typ. 800 cd/m <sup>2</sup>
<b>Reaction time</b>	25 ms (T <sub>on</sub> +T <sub>off</sub> )
<b>Certification</b>	IP65 (front side), IP54 rear side MIL-STD-810F, MIL-STD-461E Ground Navy
<b>Case</b>	rugged magnesium housing
<b>Colour</b>	military green, other colours on request
<b>Dimensions</b>	351 x 300 x 57 mm (W x H x D)
<b>Weight</b>	ca. 3.6 kg

MIL-STD-810F	operating	storage
<b>Altitude</b> Method 500.4, (Procedur I, II)	4572 m (15000 ft)	4572 m (15000 ft)
<b>Temperature</b> Method 501.4 & 502.4, (Procedur I, II)	-31°C to +63°C	-40°C to +85°C
<b>Humidity</b> Method 507.4	+30°C to +60°C bei 95%	+30°C to +60°C at 95%
<b>Salt fog</b> Method 509.4, (Procedur I)	5 %, 35° C	5 %, 35° C
<b>Vibration</b> Method 514.5, Category 20	5 - 500 Hz, 1 g	5 - 500 Hz, 1 g
<b>Shock / drop</b> Method 516.5, (Procedur I)	15 g, 11 ms	15 g, 11 ms



RD15-UXGA interfaces STD



RD15-UXGA rear side



RD15-UXGA with StandUnit



RD15-UXGA vehicle installation

## more technical specification

- 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 0,37 cd/m<sup>2</sup>
- quick shut down the backlight
- OSD menu in front panel
- traction relief
- Invisible mode (door contact)

## Interfaces

### front side:

- 1x USB2.0

### rear side:

- 3x USB3.1
- 1x VGA
- 1x DP-DVI
- 1x MIL DC-In (integrated Invisible mode function)

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.

## Options

- Additional video input Interface:
  - 1x FBAS or 1x SDI
  - PiP picture in picture function
- Display mounting:
  - e.g. for vehicle installation
  - RD15B StandUnit
- Certificated for SDIP 27 Level B (BSI Zone 1)

