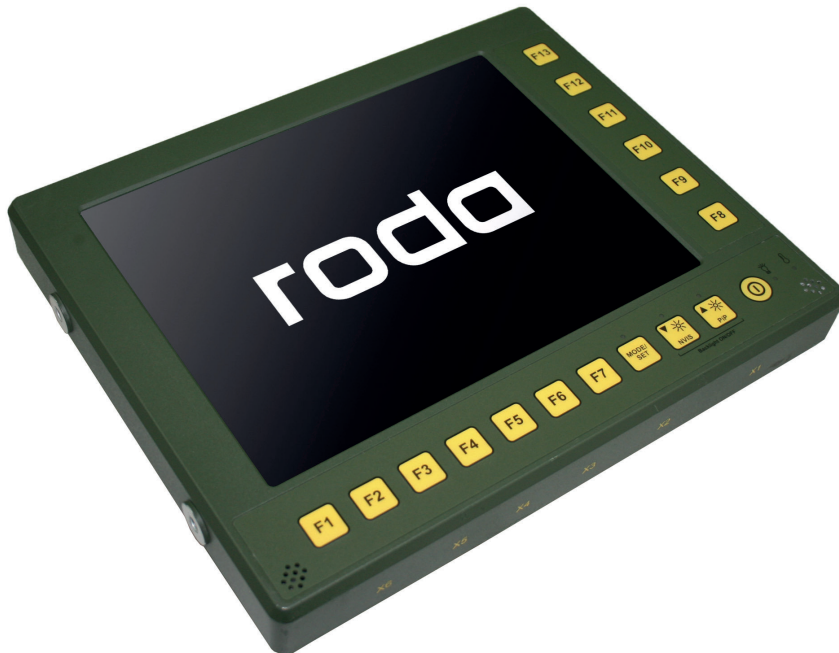


Serval RD10 XGA-03

full-rugged 10.4" Display




WATER


SAND


FROST


HEAT


SHOCK


DROP

The RD10-XGA-03 multifunction display allows operations at nearly all ambient conditions. The robust 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	10.4" TFT display (26.4 cm visible area) 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	900:1
Luminance	typ. 600 cd/m ²
Reaction time	18 ms (T _{on} +T _{off})
Certification	IP65, MIL-STD-810F, MIL-STD-461E
Housing	rugged aluminum housing
Colour	military green (RAL 6031 HR), other colours on request
Dimensions	293 x 235 x 62 mm (W x H x D)
Weight	ca. 3 kg

MIL-STD-810F	operating	storage
Temperature Method 501.4 & 502.4, (Procedure I, II)	-32°C to +55°C	-32°C to +70°C
Vibration Method 514.5, Category 20	5 - 500 Hz, 1 g	5 - 500 Hz, 1 g
Shock / drop Method 516.5, (Procedure I)	• 15g, 3ms 100 hits vertical, half sine • 100g, 0,5ms 3 hits per axis, half sine • 25g, 6ms 3 hits per axis, half sine	• 15g, 3ms 100 hits vertical, half sine • 100g, 0,5ms 3 hits per axis, half sine • 25g, 6ms 3 hits per axis, half sine



RD10-XGA rear side



RD10-XGA interfaces



RD10-XGA with StandUnit



RD10-XGA vehicle installation

... more technical specifications

- 13 factory programmable function keys
- luminance of the display and keyboard dimmable separately
- delay of the power button (ON / OFF <- press 5 sec)
- 2 speakers
- dimmable backlight to 10%
- NVIS compatible
- quick shut down the backlight
- OSD menu in front panel
- grounding bolt
- PiP picture in picture function
- 2 signal sources can be processed simultaneously

Interfaces

- 1x MIL DC-In (integrated invisible mode)
- 1x MIL SDI Video-In (for PiP function)
- 2x MIL USB 2.0
- 1x MIL DP-DVI / combo
- 1x MIL VGA / combo (optional / trade-off with DVI Combo)

Options

- display mounting:
 - e.g. for vehicle installation
 - RD10 StandUnit
- certificated for SDIP 27 Level B (BSI Zone 1)

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.



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