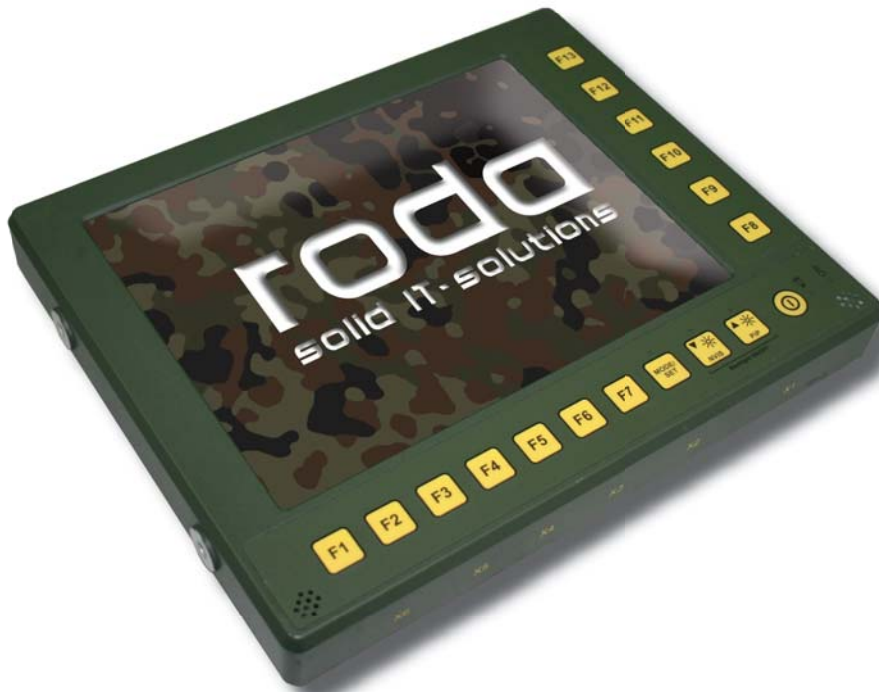


# Display

full rugged

# RD10

10.4" display



The RD10 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

	RD10 Standard	RD10 HB
<b>Display</b>	10.4" TFT display (26.4 cm visible area) VGA, SVGA, XGA (max. 60 Hz) integrated touch screen, resistive	
<b>Resolution</b>	XGA 1024 x 768 Pixel	
<b>Format</b>	4:3	
<b>Display colours</b>	up to 16.7 million colours or 256 levels of grey	
<b>Viewing angle</b>	vertical: 80° / 40° horizontal: 160°	vertical: 160° horizontal: 160°
<b>Contrast</b>	400:1	900:1
<b>Luminance</b>	typ. 280 cd/m <sup>2</sup>	typ. 600 cd/m <sup>2</sup>
<b>Reaction time</b>	25 ms (T <sub>on</sub> +T <sub>off</sub> )	
<b>Certification</b>	IP65, MIL-STD 810F, MIL-STD 461E	
<b>Housing</b>	rugged aluminum housing	
<b>Colour</b>	military green (RAL 6031 HR), other colours on request	
<b>Dimensions</b>	293 mm x 235 mm x 62 mm	
<b>Weight</b>	ca. 3 kg	

MIL-STD 810F	operating	storage
<b>Temperature</b> Method 501.4 & 502.4, (Procedure I, II)	-31°C to +55°C	-46°C to +70°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, (Procedure I)	<ul style="list-style-type: none"> <li>• 15g, 3ms 100 hits vertical, half sine</li> <li>• 100g, 0,5ms 3 hits per axis, half sine</li> <li>• 25g, 6ms 3 hits per axis, half sine</li> </ul>	<ul style="list-style-type: none"> <li>• 15g, 3ms 100 hits vertical, half sine</li> <li>• 100g, 0,5ms 3 hits per axis, half sine</li> <li>• 25g, 6ms 3 hits per axis, half sine</li> </ul>



## ... more technical specifications

- 13 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
- Invisible mode integrated in DC-In connector
- 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

- MIL DC-In (integrated invisible mode)
- MIL Video-In (for PiP function)
- 2x MIL USB 1.1
- MIL DP-DVI / combo
- MIL VGA / combo (optional / trade-off with DVI Combo)

## Options

- display mounting:
  - e.g. for vehicle installation
  - RD10 StandUnit
- certified 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.

