

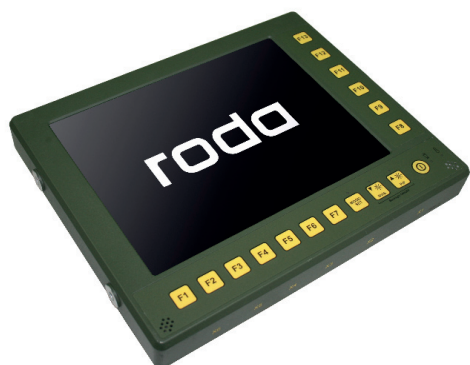
SERVAL RD10-XGA-03

FULL-RUGGED 10.4" DISPLAY

All rugged roda RD series displays are MIL-STD810, MIL-STD461, and \geq IP54 certified for use under almost all environmental conditions. As a standard model, they can operate under a temperature range of -20°C to $+55^{\circ}\text{C}$. With its remote on/off function button/interface and metal housing, the RD series is particularly suitable when combined with a roda computer as well as for installation in protected and armoured vehicles and cabins that, due to space constraints, require a decentralised installation of computer and display. The system can be started at the touch of a button on the display. The perfect conditions for efficient operation!

The compact 10" Panel display RD10 is available in different versions and can also be customised with military connectors. The displays with and without touch screen, high brightness, picture-in-picture, as well as blackout light and NVIS functionality are frequently used under tough conditions.

- + XGA LCD (1024x768 pixel)
- + Typ. Brightness 600 cd/m²
- + Resistive touch screen
- + **OPTIONAL:** MIL interfaces
- + IP64
- + MIL-STD-810G
- + **OPTIONAL:** MIL-STD-461G



RD10-XGA-03

+ DISPLAY

LCD 10.4" XGA (1024x768)
LED backlight

+ FORMAT

4:3

+ TOUCH

resistive touch screen

+ CONTRAST

900:1

+ BRIGHTNESS

typ. 600 cd/m²

+ COLOR REPRESENTATION

Up to 16.7 million (8 bit/colors)

+ VIEWING ANGLE

vertical: ±160 °
horizontal: ±160 °

+ REACTION TIME

18 ms (T_{ON}+T_{OFF})

+ INTERFACES

2x MIL USB2.0
1x MIL Video-In (for PiP function)
1x MIL DVI (with roda display remote)
1x MIL DC-In
(with integrated camouflage function)

+ OPTIONAL:

1x MIL VGA / combo (trade-off DVI)

+ KEYS

13x programmable function keys
(factory option)

+ FUNCTIONS

Camouflage mode
NVIS compliant
Circuit breaker

+ POWER SUPPLY

18-32 V_{DC}, nominal 24 V_{DC}
Power consumption < 30 W
Transient protection according to VG96916
T5 without intermittent operation

+ DIMENSIONS [W×H×D]

293 x 235 x 62 mm

+ WEIGHT

3.00 kg

+ PROTECTION CLASS

IP65

+ ACCESSORIES

- rugged IP65 AC-adaptor AC90
- rugged DC/DC-converter ROD01.2
- rugged transportation box
- rugged mounting systems
 - e.g. RD10 StandUnit
 - custom mounting on request
- Shockmount fixation, designed to meet MIL-STD-810G

MIL-STD-810G	OPERATING	STORAGE
TEMPERATURE	-30 °C to +60 °C	-20 °C to +70 °C
HUMIDITY	N/A	95%

EMI	OPTIONAL
MIL-STD-461G	Ground Navy



CUSTOMIZATION:

Need anything not included in the data sheet? roda products are designed to enable customization to your specific program requirements. Please contact your roda sales team member to find the best solution for your requirements.

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