SERVAL RD15-IXGA-03
FULL-RUGGED
15" DISPLAY

All rugged roda RD series displays are MIL-STD810, MIL-STD461, and ≥ 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°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 15" Panel display RD15 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.

+ UXGA LCD (1600x1200 pixel)
+ Typ. Brightness 800 cd/m²
+ Resistve touch screen
+ IP65
+ MIL-STD-810G
+ MIL-STD-461G

roda
solid IT-solutions

RD15-UXGA-03

+ INTERFACES

1x USB2.0 (front side)
3x USB3.1 (rear side)
1x VGA
1x DVI (with roda display remote)
1x MIL DC-In
(with integrated camouflage function)
+ **OPTIONAL:**
Camera input FBAS-PiP/fullscreen
All connectors also available MIL version!

+ ACCESSORIES

• rugged IP65 AC-adaptor AC90
• rugged DC/DC-converter ROD01.2
• rugged transportation box
• rugged mounting systems
  - e.g. RD15 StandUnit
  - custom mounting on request
• Shockmount fixation,
  designed to meet MIL-STD-810G

+ DISPLAY

LCD 15" UXGA (1600x1200)
LED backlight

+ FORMAT

4:3

+ TOUCH

resistive touch screen

+ CONTRAST

700:1

+ BRIGHTNESS

typ. 800 cd/m²

+ COLOR REPRESENTATION

Up to 16.7 million (8 bit/colors)

+ VIEWING ANGLE

vertical: ±160 °
horizontal: ±160 °

+ REACTION TIME

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

+ KEYS

8x programmable function keys

+ FUNCTIONS

Camouflage mode
NVIS compliant
+ **OPTIONAL:**
  PiP - picture in picture

+ 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]

351 x 300 x 57 mm

+ WEIGHT

3.50 kg

+ PROTECTION CLASS

IP65

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

EMI		
MIL-STD-461G	Ground Navy	

WATER SAND SHOCK

FROST HEAT DROP

IP65 CERTIFIED MIL-STD 810 CERTIFIED MIL-STD 461 CERTIFIED

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.

roda computer GmbH reserves the right to change without notice the information.

roda
solid IT-solutions