SERVAL RD19-SXGA-02
FULL-RUGGED 19" DISPLAY

All brilliant designs of the rugged roda RD series are MIL-STD-810, MIL-STD-461, 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 Serval 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 19" panel is available in a diverse range of versions and can be customised as well. The displays with and without touch screen, picture-in-picture (optionally with military connector), as well as blackout light functionality are frequently used under tough conditions. The Seval RD19-SXGA additionally convinces through its multi touch-capable SXGA display (1280x1024) and a brightness of up to 350 cd/m².

+ SXGA LCD (1280x1024 pixel)

+ Typ. Brightness 350 cd/m²

+ **OPTIONAL:** resistve touch screen

+ **OPTIONAL:** MIL interfaces

+ IP65

+ MIL-STD-810G

+ **OPTIONAL:** MIL-STD-461G

roda
solid IT-solutions

RD19-SXGA-02

+ **DISPLAY**

LCD 19" FHD (1280x1024)
LED backlight

+ **FORMAT**

4:3

+ **TOUCHA**

+ **OPTIONAL:** resistive touch screen

+ **CONTRAST**

1000:1

+ **BRIGHTNESS**

typ. 350 cd/m²

+ **COLOR REPRESENTATION**

Up to 16.7 million (8 bit/colors)

+ **VIEWING ANGLE**

vertical: ±160 °
horizontal: ±170 °

+ **REACTION TIME**

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

+ **INTERFACES**

2x USB 2.0
1x VGA
1x DVI (with roda display remote)
1x MIL DC-In
1x MIL camouflage function
+ **OPTIONAL:**
All connectors also available in MIL
version!

+ **KEYS**

8 keys OSD menu

+ **FUNCTIONS**

Camouflage mode
NVIS compliant
Circuit breaker

+ **POWER SUPPLY**

18-32 V_{DC}, nominal 24 V_{DC}
Power consumption ca. 120 W with
heater
+ **OPTIONAL:**
230 V_{AC} instead 18-32 V_{DC} input

+ **DIMENSIONS [W×H×D]**

480 x 405 x 77.5 mm

+ **WEIGHT**

ca. 10.70 kg

+ **PROTECTION CLASS**

IP65

+ **ACCESSORIES**

• carrying handles
• rugged transportation box
• rugged mounting systems
  - e.g. RD19 StandUnit
  - custom mounting on request
• Shockmount fixation,
  designed to meet MIL-STD-810G

MIL-STD-810G	OPERATING	STORAGE
TEMPERATURE	0 °C to +55 °C **OPTIONAL:** -20 °C heater	-20 °C to +70 °C
HUMIDITY	N/A	95%

EMI	OPTIONAL	
MIL-STD-461G	Ground Navy	

roda
solid IT-solutions