

Hardware specifications

Environmental conditions	
Temperature	-40...+55° C operation -40...+71° C storage MIL-STD-810G, 502.5 Proc I and II, 501.5 Proc I and II
Relative humidity	95% RH MIL-STD-810G, method 507.5 Proc II (aggravated), Fig. 507.5-7, 10 cycles @ 55° C
Vibration	MIL-STD-810G, method 514.6, cat. 5 truck/trailer – loose cargo, figure 514.6C-4.WLAN MIL-STD-810G, method 514.6, cat. 20 ground mobile, figure 514.6C-3 and table 514.6C-VI; figure 514.6C-2 and table 514.6C-IV (placement of unit in an anti-vibration frame)
Transit drop	MIL-STD-810G, method 516.6, Proc IV (transit drop in transport case)
Shock	MIL-STD-810G, method 516.6, Proc I, with unit placed in an anti-vibration frame

EMC

Emissions	MIL-STD-461F – CE102, figure CE102-1 – RE102, 2 MHz to 18 GHz, figure RE102-4 Ground (curve Army)
Immunity	MIL-STD-461F – RS101 (radiated susceptibility, magnetic field, 30 Hz to 100 kHz) figure RS101-1 – RS103 (radiated susceptibility, electric field, 50 V/m 2 MHz to 18 GHz) – CS101 (conducted susceptibility, power leads, 30 Hz to 150 kHz, figures CS101-1 curve 2 (nominal source voltage = < 28 Vdc, CS101-2), – CS114 (conducted susceptibility, bulk cable injection 10 kHz to 200 MHz.), Figure CS114-1 on all cables (Table VI: 10 kHz-2 MHz. curve #2, 2 MHz-30 MHz. curve #2, 30 MHz-200 MHz. curve #2) – CS115 (Conducted Susceptibility, Bulk Injection, Impulse Excitation) Figure CS115-1 – CS116 (Conducted Susceptibility, Damped Sinusoidal Transients, Cables and Power Leads, 10 kHz to 100 MHz, figure CS116-2, IMax = 10 A)

Mechanical	
Watertight and hermetically sealed housing, carry handles and 19-inch mounting adapters, hardened for military use	
Size (LxHxD)	380 × 132 × 268 mm Depth including connectors and caps: 308 mm
Weight	Approx. 10 kg
Cooling	Cooling functions without air exchange between the inside and outside of the housing. If required, an internal fan forces the airflow.

Available interfaces

Switched electrical Ethernet	Up to 7 × 10/100/1000 Base-TX Up to 6 × PoE
Switched optical Ethernet	Up to 2 × 1000 Base-FX single mode, 5 km
Service	1 × 10/100 Base-TX, 1 × USB 2.0, 1 × VGA
Analogue telephony	Up to 16 × a/b FXS or FXO
E1	Up to 6 × E1
SHDSL	Up to 3 × G.SHDSL (2-wire)
EUROCOM	Up to 2 × EUROCOM EES/D/1: A (10 pin) or B or C, on 1 connector
Voice Radio	Up to 6 × Analogue Voice Radio Terminal (6 wire)
USB	Up to 3 × USB 2.0
WLAN access point	802.11 a/b/g with up to 2 × HF interface
Serial and relay	1 × RS232 asynch, 1 × Relay Out, 2 × Relay In

Power

Input voltage	18-60 VDC or 110 VAC /230 VAC with external power supply
Input power	85 W typical, 105 W peak (preliminary)

Notes

- Default colour: RAL 9005
- Other configurations on request
- External fan, 19-inch mounting kit, a/b patch panel available on request
- Part of the features listed are available only as options