

ROUTER

PRTD-RT

The PRTD-RT enables secure and efficient deployment of modern digital networks onboard tactical vehicle platforms in applications such as; Command and Control (C2), Battlefield Management Systems (BMS), Situational Awareness, as well as sensor and weapon system integration.

The PRTD-RT includes a wide range of network connection interfaces which allow for seamless connection to a range of tactical networks, both within vehicles and command posts. Designed to be scalable, the PRTD-RT can be deployed in a wide range of configurations depending on the users needs.



The PRTD-RT Router is a field-proven rugged router designed for use in a wide range of tactical vehicles as well as for demanding industrial applications.

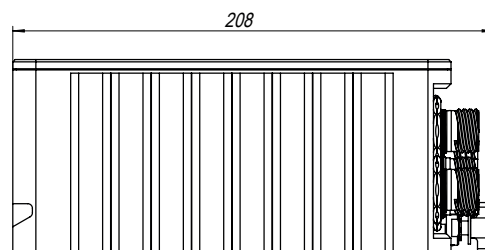
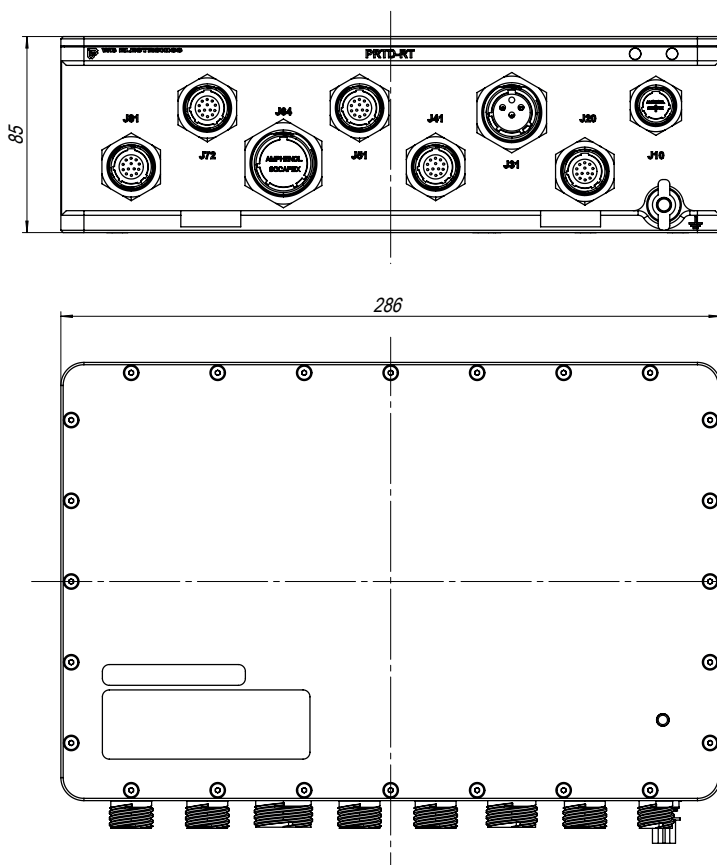
The open architecture and the software of the PRTD-RT router provide not only a variety of network standard protocols, but also customer specific protocols. The built-in security functions include; network firewall, hardware based cryptography, and Quality of Service (QoS). These unique features deliver outstanding flexibility and makes the PRTD-RT Router a perfect choice for demanding and information security oriented applications.

The PRTD-RT design ensures trouble-free operations in harsh operational environments of wheeled and tracked vehicles where the equipment is exposed to shocks, vibrations, dust wide range of humidity and ambient temperatures.

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Technical specifications

Processor, storage	Processor	Freescall P2020 2 x1GHz
	RAM	2 GB / DDR3
	SSD non-removable	SATA DOM 8 GB
	NAND:	2GB
	NOR	16MB
Interfaces	Serial ports	CL1: 1 x RS232
	OPTO	2 x 1 Gbit/s 1000SX
	Ethernet	3 x 1 Gbit/s
	WiFi	802.11 b/g/n/ac (option)
	SHDSL	Master + Slave (option)
Protocols*	Network	IP v4/v6, Multicast, QoS
	Services	DHCP, RADIUS, NTP
	Management	SNMP v2/v3, SSH, HTTP(s)
	Routing	RIP v2, BGP v4, OSPF v2/v3, EIGRP, BFD
	Mcast routing	DVMRP, MPLS, MLDv2, IGMPv3
	Tunneling	VPN, IPSEC, GRE

System operacyjny:		Linux
Power supply	External	18-36 VDC
	Power consumption	30W max
Temperature	Operating:	-32°C +55°C
	Storage:	-50°C +70°C
Environmental requirements		MIL-STD-810G
EMC / EMI requirements		MIL-STD-461F
Shock / vibration		tracked and wheeled vehicle
Dimensions		286 x 85 x 208 mm
Weight		5.6 kg

* Additional protocols can be installed on customer demand.