SWITCH

PSTD-16G

The PSTD-16G Switch is a field-proven rugged and programmable switch designed for use in a wide range of tactical vehicles as well as for demanding industrial applications.

The PSTD-16G enables the efficient deployment of modern digital networks on-board vehicle platforms to support command control, battle management, situational awareness as well as to integrate systems, sensors and weapons systems.
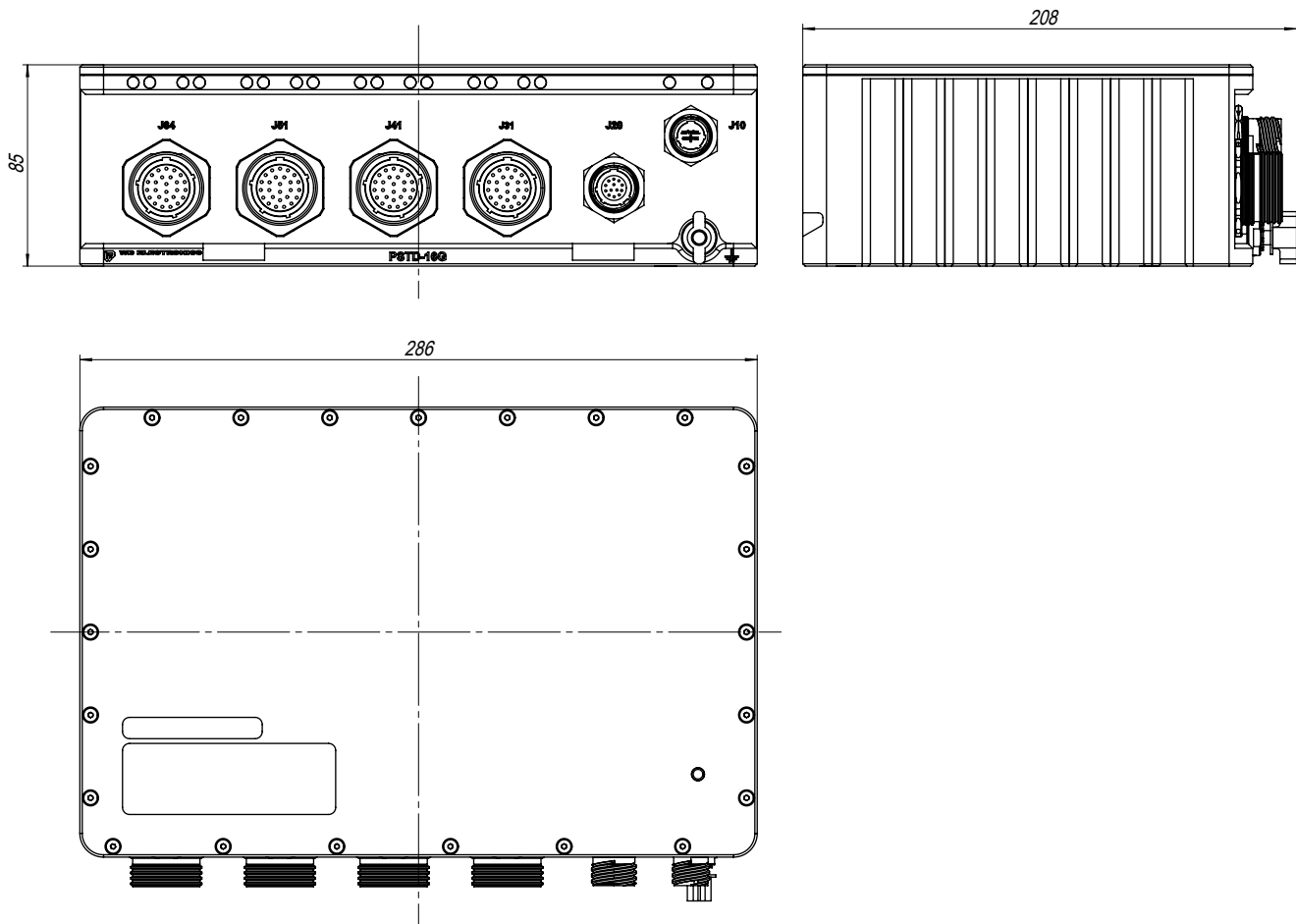
The design of the device ensures trouble-free operations in harsh operational environments of wheeled and tracked vehicles where the equipment is exposed to shocks, vibrations, dust, the wide range of humidity and ambient temperatures.

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WB ELECTRONICS
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85

208

286

J04 J01 J41 J31 J20 J10

PSTD-10G

Technical specifications

Interfaces	Serial ports	**CLI: 1 x RS232**
	Ethernet	**16 x 1 Gbit/s** **2 x 100 MBit/s**
Protocols		
	Carrier Grade:	**Rich Layer-2 Switch Features, Service Classification and Traffic Policing, IEEE-1588 PTP**
	Layer 2 Switching:	**10/100/1000 Mbps GE connectivity, IPv4/IPv6, Multicast, VLAN, QoS/CoS Traffic Prioritization, STP/ MSTP/RSTP, Link Aggregation.**
	Management:	**SNMP v1/v2/v3, HTTP(s), Web GUI, RS-232 CLI, Port Monitoring, Syslog, NAS, IGMP Snooping, ACLs.**
	Zeroization	**by off-board signal trigger**

Power supply	External	**18-36 VDC**
	Power consumption	**30 W max**
Temperature	Operating:	**-32°C +55°C**
	Storage:	**-50°C +70°C**
Environment requirements		**MIL-STD-810G**
EMC / EMI requirements		**MIL-STD-461F**
Shock / vibration		**tracked and wheeled vehicle**
Dimensions		**286 x 85 x 208 mm**
Weight		**2.7 kg**