

Parvus Corporation

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DuraNET 1268 Gigabit Ethernet Switch

The DuraNET® 1268 is a rugged Layer 2+ Gigabit Ethernet switch subsystem equipped with 10 triple-speed 10/100/1000Mbps ports for connecting IPv4 and IPv6 compatible computing devices in demanding military vehicle LAN applications. It features an onboard microprocessor for local/remote control and monitoring, as well as support for Quality of Service (QoS) traffic prioritization, VLAN trunking, and Rapid Spanning tree (RSP) redundancy.

Small and lightweight in form factor yet robust in mechanical design, the DuraNET 1268 switch serves as an ideal COTS solution to enhance situational awareness in unmanned aircraft, tactical ground vehicles, and maritime assets. Integrating a hardened aluminum chassis with sealed MIL-38999 connectors and isolated MIL-STD-1275 power supply, the switch is designed for harsh MIL-STD-461E EMI/EMC and MIL-STD-810F thermal, shock, vibrate, humidity, altitude, and ingress conditions.

For more information, contact: staylor@parvus.com



FEATURES

- › Ports: 10x Gigabit Ethernet ports, 1x serial, 1x FE console
- › Management: RS-232 console, SNMP, RMON, Web browser
- › VLAN: Up to 4,096 Virtual Local Area Networks
- › QoS: Quality of Service prioritization
- › Redundancy: Rapid Spanning tree fault tolerance
- › Mechanical: Aluminum chassis, MIL-38999 connectors, sealed
- › Power: MIL-STD-1275 and MIL-STD-704E vehicle supply
- › Zeroize: Data zeroization support to secure data
- › Fiber: Option for 4x 1000BASE-SX fiber optic ports on rear panel
- › Environmental: Designed to MIL-STD-810F for tracked vehicles
- › EMI/EMC: Designed to MIL-STD-461E CE102, CS101, RE102, RS103

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