



AMES Advanced Managed Ethernet Switch

The Advanced Managed Ethernet Switch is a MOTS networking product that has been designed for deployment in harsh environments. It provides twelve (12) Gigabit Ethernet ports and, optional, two (2) fiber optical 10 Gigabit Ethernet ports. The switches' extensive features may be managed through SNMP network management tools and is fully configurable using the device manager web interface or an industry standard CLI interface via the serial console port or Telenet. The switch also provides a CAN bus interface for equipment management and HUMS.

PRODUCT SPECIFICATIONS

Part Number	60253301-00 (12xGE), 60253302-00 (12xGE +2x10G)
Dimensions	253mm(W) x 168mm (H) x 38mm(D) , [57,3mm (D) including connectors]
Weight	1,9 kg
Power Requirements	9 -33 VDC , MIL-STD 1275 D/E
Power Usage	0.7 to 2.0 A at 28V, depending on load
Ports	12 x Gigabit Ethernet (IEEE 802.3 1000BASE-T) (Optional) 2 x 10 Gigabit Ethernet (IEEE 802.3 10GBASE-SR) Service port (GE, RS232, CAN, power control, Box id)
Connectors	MIL-DTL-38999 (DEF-STAN 23-09 issue 3)
EMC:	MIL-STD-461F
Environmental:	MIL-STD 810G
Temperature:	Operation: -46 to +65°C , Storage: -51 to +71°C Shock 20g, Vibration, Humidity, Salt fog, Low pressure

Ethernet feature set (overview):

- Management HTTP, CLI, SNMP, SSH, LLDP, CDP
- Topologies STP/RSTP, Linear protection (G.8031), Ring protection (G.8032)
- L3 support DHCP server/relay, DDNS light, static IPR
- Switching VLAN bridge (IEEE 802.1Q/ad) with L3 awareness
- Multicast Static, IGMP snooping, IGMP querier
- Service classes Classification (PCP/DSCP), priority queues, scheduling schemes, RED
- OAM Link OAM, Ethernet OAM
- Bandwidth ctrl. Policing, shaping, Storm protection
- Synchronization IEEE 1588, NTP client
- Security ALCs, RADIUS, TACAS+, service port password
- Diagnostics RMON, HUMS (inventory, temp, power), port mirror, sys log

WORLD CLASS

- through people, technology and dedication

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