



Sixnet® ET-8EG-MIL-1 IP67 Unmanaged Industrial Ethernet Switch

Item number: ET-8EG-MIL-1

Meet demanding data connectivity and control needs easily with a military-certified, plug-and-play solution. This IP67-rated unmanaged Ethernet switch ensures high throughput and minimum downtime with auto-sensing ports. Proven in demanding military contexts and extreme outdoor conditions.



Uncompromising 8-port Ethernet switch designed for extreme settings

Features and benefits

✓ Reliable data communication

Eight MDIX auto-sensing 10/100/1000BaseTX ports with MIL-38999 series III connectors. Store-and-forward technology with wire speed communication and full/half duplex support.

✓ Military grade connectors

Gigabit and military-grade MIL-DTL-38999 series III connectors protect against vibration, shock and water.

✓ LED status monitoring

LED indicator lights display link status and port activity.

✓ Redundant power inputs

Redundant power inputs (18-30 VDC) with surge protection.

✓ Designed for harsh environments

Tough corrosion-proof, dust-proof and water-tight aluminum case with IP67 (NEMA 6) ratings. Bulkhead mounting and low-profile chassis for simple installation into vehicles or exposed walls.

✓ Easily expand your network

Plug-and-play to expand your network. Supports up to 8192 MAC addresses.

✓ Certified for hazardous and military environments

IEEE 802.3 compliance, UL508/CSA C22.2/14 for electrical safety and UL1604/CSA C22.2/213 for hazardous locations. Rated for MIL-STD-810F, MIL-STD-461E and MIL-STD-1275B. Over 1M+ hours MTBF. Operating temperature of -40 °C to 75 °C with conductive cooling.

Sixnet ® ET-8EG-MIL-1 IP67 Unmanaged Industrial Ethernet Switch



General

Net Weight (g)	2267.96
Packed Weight (g)	2267.96
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	0 to 95% max. RH noncondensing
Power Consumption (W)	17
Input Voltage (V)	18-30 VDC
Mounting	Wall mount
Housing Materials	Aluminium
Packaging Material	Cardboard

Identification and Status

Product ID	ET-8EG-MIL-1
Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No

Physical Features

Connectors / Input / Output	8x Gigabit Ethernet ports for 10/100/1000 Mbps links
SD Card Slot	No
Flash Drive	No

Sixnet ® ET-8EG-MIL-1 IP67 Unmanaged Industrial Ethernet Switch



Physical Features

Contains Battery	No
------------------	----

Certifications and Standards

Protection Class IP	IP67
RoHS Compliant	Yes
CE	No
FCC	No
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Mean Time Before Failure (MTBF)	>1 million hours
Vibration and Shock	MIL-STD-810F and IEC60068-2-6, -27 and -32