

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

Item number: ET-8ES-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/BaseTX 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 (10-30 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 2048 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 2M+ hours MTBF. Operating temperature of -40 °C to 75 °C with conductive cooling.

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## General

Net Weight (g)	2267.96
Packed Width (mm)	254
Packed Height (mm)	133.35
Packed Depth (mm)	304.8
Packed Weight (g)	3605.96
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)	6
Input Voltage (V)	10-30 VDC
Mounting	Wall mount
Housing Materials	Aluminium
Packaging Material	Cardboard

## Identification and Status

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

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## Identification and Status

Export Control Classification Number (ECCN)	EAR99
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## Physical Features

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