Company Logo

Sixnet® EB-5ES Unmanaged 5-port PoE Industrial Switch, SC 60km

Item number: EB-5ES-PSE-3SCL

The Sixnet® Unmanaged 5-port PoE Industrial Switch is a durable, plug-and-play switch that adds Power over Ethernet capable copper ports along with fiber connectivity. Ideal for security and automation applications that need data and power transfer in a trouble-free package. Four 10/100BaseTX RJ-45 PoE ports and one 100BaseFX singlemode 60km fiber port with SC connectors.

5-port unmanaged Ethernet switch with 4 PoE capable copper ports and fiber connectivity

Features and benefits

✓ **Simplify network deployment with PoE capability**

A single solution makes it easy to expand your network with PoE capability. Ideal for video, security and control applications.

✓ **Singlemode fiber port for long-distance connectivity**

One 100BaseFX 60km singlemode fiber port with SC connectors.

✓ **Compact DIN-rail or direct panel mounting**

Slim and easy to install. Comes in a durable IP30-rated Lexan case for DIN-rail or direct to panel mounting.

✓ **LED status monitoring**

LED indicator lights display PoE power, Ethernet link connectivity and power fault status.

✓ **Redundant power inputs**

Redundant power inputs with surge, spike and reverse polarity protection. 10-30 VDC with no PoE output; 45-56 VDC for PoE output.

✓ **5-port Ethernet switch with 4 PoE outputs**

Five 10/100BaseT(X) RJ-45 ports, including 4 industrial PoE sourcing outputs.

✓ **Auto-detection features do the work for you**

Automatic speed, MDIX, duplex and flow control on RJ-45 ports. Auto-negotiates POE-powered device. Over-temperature, over-current detection and over/under-voltage detection.

✓ **Suitable for industrial environments**

Durable and high-performing in demanding industrial settings. Ultra-reliable with over 1 million hours MTBF.

✓ **Leading certifications for industrial environments**

IEEE 802.3 af compliance. Suitable for hazardous environments with UL Class I, Division 2 listing and CE and CSA certifications. ABS Type approval for shipboard applications. Operating temperature of -40 °C to 75 °C.

✓ **Simple setup and installation**

No complex user settings required. Ready to use right out of the box.

HMS

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General

Net Weight (g)	226.796
Packed Weight (g)	226.796
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	5% to 95% (Non Condensing)
Input Voltage (V)	10-30 VDC
Mounting	DIN rail mount (bracket included), Panel mount
Housing Materials	Plastic
Packaging Material	Cardboard

Identification and Status

Product ID	EB-5ES-PSE-3SCL
Country of Origin	Taiwan (Province of China)
HS Code	8517620000
Dual Usage	No

Physical Features

Connectors / Input / Output	4x RJ45 PoE (PSE) ports, 1x singlemode
SD Card Slot	No
Flash Drive	No
Contains Battery	No

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Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	No
DNV	No
KC	No
Vibration and Shock	IEC60068-2-6, -27 & -32