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# 6 Port Gigabit Industrial PoE+ Ethernet switch with 2 SFP ports

## ESWGP206-2SFP-T

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### PRODUCT FEATURES

The **ESWGP206-2SFP-T** is an Industrial PoE+ Ethernet switch that complies with IEEE 802.3at standards. It provides four PoE+ 10/100/1000Mbps copper ports supplying up to 30W of power to PD devices such as CCTV and WI-FI. Two 1000Mbps SFP ports are available to support gigabit fiber.

The ESWGP206-2SFP-T also provided remote PD reset function to help eliminate the cost of sending personal to site. Unmanaged and easy to install in a variety of Ethernet applications, it provides PoE+, dual power inputs, wide temperature and an SFP form factor. The ESWGP206-2SFP-T is designed to work in hard to reach and harsh environments.

**Power over Ethernet PoE+ 802.3at** provides 30W of power per port and is backwards compatible with 802.3.af devices. The switch detects and classifies a PD device before providing the required power to the PD device. PoE power simplifies the installation of PD devices by eliminating the need for additional cable and power supplies.

**Dual Power Input:** To reduce the risk of power failure, the ESWGP206-2SFP-T provides two 24 to 52 VDC power inputs. If the power fails, the switch will automatically use the secondary power input.

**Flexible Mounting:** The switch features a space saving IP30 metal enclosure that can be DIN or Panel mounted.

**Small Form-factor Pluggable (SFP) Port:** The SFP Port provides flexibility when planning a network. The slot can accept any MSA-compliant SFP module. Gigabit fiber types for SM,MM & SSF.

**Wide Operating Temperature:** With an operating temperature of -40 to 85°C (-40 to 185°F), this switch is suitable for use in some of the harshest industrial environments.

**Remote PoE+ Reset:** Dip switch selectable, the PoE+ reset works on fiber loss off signal on both slots. PoE+ reset is an advanced function that, when enabled, will force the PSE output power to reset when LINK state is lost on the SFP ports

**Easy Troubleshooting:** LED indicators allow you to quickly diagnose problems.

- IEEE 802.3at/af PoE+ standard ports
- Up to 30 watts output per PoE+ port
- Smart PoE+ over current, over temp & short circuit protection
- -40° to 85°C operating temperature range
- Industrial IP30 rated DIN rail enclosure
- SFP slot for Gigabit Fiber
- Dual power inputs, 24 to 52 VDC
- Remote PD reset

### ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
ESWGP206-2SFP-T	Industrial PoE+ Ethernet Switch (4 Copper, 2 SFP)

### ACCESSORIES

MODEL NUMBER	DESCRIPTION
808-38201	IE-SFP/1250-ED, MM850-LC, 220/550m
808-38200	IE-SFP/1250-ED, SM1310-LC, 20KM
808-38203	IE-SFP-1250-ED, SM1310/PLUS-LC, 40KM
SDR-240-24	DIN rail mount power supply 24VDC, 10A, 240W output power

# 6 Port Gigabit Industrial PoE+ Ethernet switch with 2 SFP ports

ESWGP206-2SFP-T



## SPECIFICATIONS

### TECHNOLOGY

Standard	IEEE802.3, 802.3u, 802.3x, 802.3z, 802.3ab, 802.3af/at
Processing Type	Store and forward
Broadcast Storm	Disabled
Flow Control	Full Duplex Flow Control, Half Duplex Back Pressure Control
Protocols	CSMA/CD (Carrier Sense Multiple Access/Collision Detect)

### SWITCH PROPERTIES

MAC Table Size	2W max.
Packet Buffer Size	128K
Jumbo Frame Size	Supports up to 9720 bytes

### INTERFACE

RJ-45 Port	Auto-negotiation 10/100/1000Base-T, Full/Half Duplex, Auto-MDI/MDIX
Fiber Ports	SFP form factor for MSA-compliant Gigabit SFPs
PoE+ Pinout	V+, V+, V-, V-, for 1,2,3,6 Alternative A
LED Indicators	P1, P2, 10/100/1000Mbps, POE+ (1~4)
DIP Switch	DIP 1 - POE ON/OFF RESET DIP 2 - POE AUTO RESET

### WARRANTY

Limited Lifetime

### POWER REQUIREMENTS

Input Voltage	24 to 52VDC redundant power inputs
Power Budget	130W
Input Connection	Standard 4-pin terminal block

### PHYSICAL CHARACTERISTICS

Case	Slim Metal Case, IP30 Design
Dimensions	4.5x14.5 x10.8cm (1.77 x 5.70 x 4.25in)
Installation	DIN Rail or Panel Mounting

### ENVIRONMENTAL

Operating Temp	-40 to 85°C
Storage Temp	-40 to 85°C
Ambient Relative Humidity	5 to 95% (Non-condensing)

### CERTIFICATIONS

Safety	IEC/UL/EN60950-1
EMI	CE, FCC Part 15, EN55022: Class A CE EN61000-6-4 (Industrial)
EMS	CE EN61000-4-2 (ESD) CE EN61000-4-3 (RS) CE EN61000-4-4 (EFT) CE EN61000-4-5 (Surge) CE EN61000-4-6 (CS) CE EN61000-4-8 CE EN61000-4-11 EN61000-6-2 (Industrial)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
RoHS, REACH, WEEE	

## MECHANICAL DIAGRAM

