

8*1000base Ethernet Industrial Switch (ODOT-ES308GP)



◎Product Feature

- Quality integrated optoelectronic modules provide excellent optical and electrical properties
- Ensures reliable data transmission and long service life
- Supports double or half duplex with auto-negotiation
- The network port supports automatic cross recognition
- Embedded store and forward system, supports a variety of protocols
- Complies with industrial operation standards, the average trouble-free working time is 300,000hrs
- Power: DC 48-57V reverses connection protection
- Lightning surge protection (Power): 5000A (8/20μs)

◎Production description

ODOT-ES308GP is a 8*1000 base Ethernet port industrial Ethernet switch, which supports 8 pcs of 10/100/1000Base-TX Ethernet ports. It conforms to FCC, CE and ROHS standards. And its WTP range is - 40 ~ 85 °C with robust design and can adapt to various kinds of rugged environment. It can also be conveniently placed in a compact control panel. With the Din-rail, wide Temperature Range Design and a shell of IP40 plus LED indicator, these cause ODOT-ES308GP to become a plug and play industrial level device and it could provide reliable and convenient solution for user's Ethernet device networking.

◎Product technology parameter

Product Name:

8*1000 base industrial Ethernet POE switch

Product Model:

ODOT-ES308GP

Product Description:

8*1000 base unmanaged industrial Ethernet switch

Port Description:

8 RJ45 ports

RJ45 Ports:

10/100/1000BaseT (X) Auto- detected , full/half duplex,

MDI/MDI-X AUTO sense

Ethernet Standard:

IEEE802.3 10BASE-T; IEEE802.3i
10Base-T; IEEE802.3u; 100Base-TX/FX; IEEE802.3ab 1000Base-T;
IEEE802.3z 1000Base-X; IEEE802.3x; IEEE802.3af; IEEE802.3at;

Working Environment:

Working Temperature: -40~85 °C (-40~185 °F)

Storage Temperature: -40~85 °C (-40~185 °F)

Relative Humidity: 5%~95%(No condensation)

Industrial Standard:

EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A

EMS:

IEC(EN)61000-4-2(ESD) : ±8kV contact discharge, ±15kV air discharge

IEC(EN)61000-4-3(RS) : 10V/m(80~1000MHz)

IEC(EN)61000-4-4(EFT) : Power line : ±4kV ; Data line : ±2kV

IEC(EN)61000-4-5(Surge) : Power line : ±4kV CM/±2kV DM ; Data
line: ±2kV

IEC(EN)61000-4-6(radio frequency transmission) : 3V(10kHz~
150kHz), 10V(150kHz~80MHz)

IEC(EN)61000-4-16(common-mode transmission) : 30V cont. 300V, 1s

IEC(EN) 61000-4-8

Shock : IEC 60068-2-27

Freefall : IEC 60068-2-32

Vibration : IEC 60068-2-6

Switch Attribute:

Packet buffer : 512 kbit

MAC address table: 1K

Power consumption: <3W

Power Supply:

Input Voltage: DC48~57V (Dual power redundancy backup)

Accessed Terminal: Phoenix terminal

Supports dual power redundancy

Supports built-in overcurrent 4.0A protection

Supports reversed polarity protection

Mechanic:

Shell: IP40 protection, metal shell

Installation: DIN-rail, wall-mounted

Heat dissipation: Natural cooling without fans

Weight: 0.64Kg

Size: 143 x 101 x 44mm (L x W x H)

Standard PoE : IEEE802.3af/ IEEE802.3at

PoE Port : 1-8 port supports PoE

Output Power :

Minimum Power 15.4W (IEEE 802.3af)

Max Power 30W (IEEE 802.3at)

POE Port automatic recognition af/at

LED Indicator:

Power indicator: PWR

Interface indicator: Ethernet port (Link)

Protection Level:

IP40

Certificate:

Certification : CE、FCC、Rohs、ISO9001: 2008, Ministry

of Information network permit and Inspection report of the

Ministry of Public Security

Security: UL508

Mean free error time:

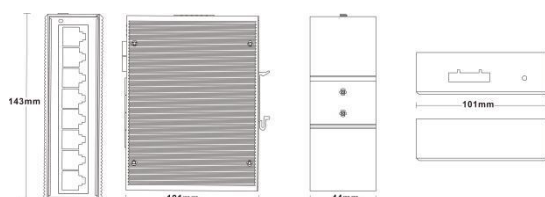
300,000 hours

Guarantee:

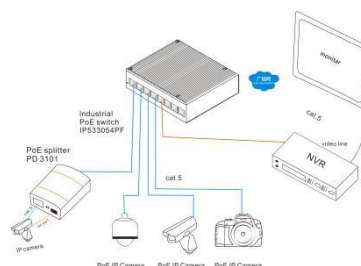
5 years

◎Production dimension

L x W x H (mm): 143 x 101 x 44mm



◎Product application diagram



◎Ordering model information

Model	Description	
ODOT-ES308GP	8*1000base ethernet port, Din Rail, DC48~57V Power	
Power Adapter	ZX54825-DC	48V/2.5A, suitable for 8-port POE power supply product series.
	ZX55223-DC	52V/2.3A, suitable for 8-port POE power supply product series.

Model	Description	
ODOT-ES308FP	8*100base ethernet port, Din Rail, DC48~57V Power	
Power Adapter	ZX54825-DC	48V/2.5A, suitable for 8-port POE power supply product series.
	ZX55223-DC	52V/2.3A, suitable for 8-port POE power supply product series.