Model OT-ES008

Industrial Ethernet Switch

Product Datasheet
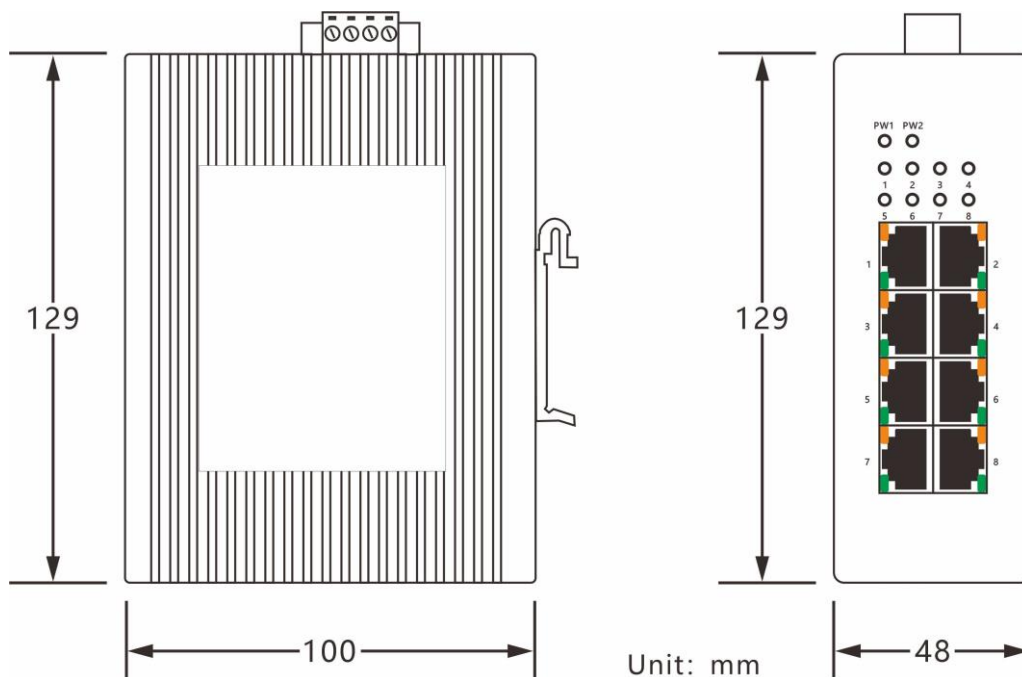
www.ourten.com

OT-ES008 Industrial Ethernet Switch is an unmanaged industrial Ethernet switch that supports 8 10/100Base-TX ports. With a fanless, low-power design and a wide operating temperature range, it features surge protection for the ports, making it especially suitable for high-traffic, real-time outdoor environments. This switch is widely applicable in industrial automation control, road networks, campuses, residential communities, rail transit and power monitoring.

Features

◆ All 8 x 10/100Base-TX ports

◆ Supports IEEE 802.3/802.3u/802.3x store-and-forward mode

◆ All ports feature full line-rate forwarding capabilities, ensuring non-blocking packet transmission

◆ Support auto MDI/MDIX function for automatic port flipping

◆ Support redundant power input and features overload and reverse polarity protection

◆ High-strength corrugated profile metal casing, rail-mounted installation, and IP40 protection rating
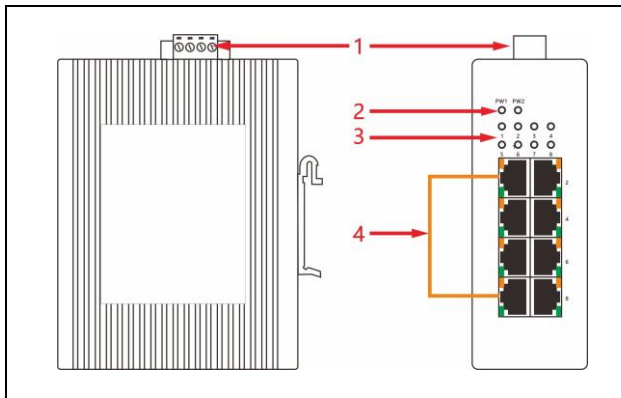
Dimension

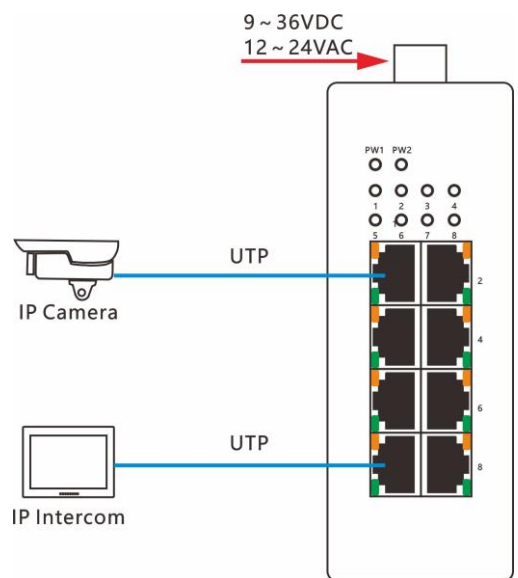**Note: Dimension error value ±1 mm**

Technical Parameter

Category		Description
Interface	Electrical Port	10/100Base-TX RJ45, auto-negotiation
	Power Interface	5.08mm industrial terminal
Power	Power Input	9-36VDC / 12-24VAC
	Overload Protection	Support
Physical Characteristic	Installation	DIN-rail
	Protection Rating	IP40
	Dimension	129×100×48mm
	Weight	475g/PC
Operating Environment	Operating Temperature	-40℃～85℃
	Storage Temperature	-45℃～85℃
	Operating Humidity	5%～95% (Non-condensation)
Switching Characteristic	Architecture	Store and forward
	Throughput (packet per second)	1.19Mpps@ 64 bytes
	Bandwidth	1.8G (non-blocking)
Standards Conformance	Standards Compliance	IEEE802.3 IEEE802.3u

Installation Instructions

	NO	Step
	1	9-36VDC / 12-24VAC power input port, please pay attention to the polarity (1)
	2	Power Indicator (2)
	3	Network Operation Indicator (3)
	4	Ethernet port interface (4)

Connection Diagram

Shaoxing Ourten Electronics Co., Ltd.

#1 Liando U Valley, No. 1999 Wuxing West Road, Shangyu, Zhejiang, China

Tel: +86-21-5888 9980 (+86-575-8213 7256); Fax: +86-575-8212 7256

Email: sales@ourten.com

www.ourten.com

Thank you for choosing Ourten!