

Model OT-ES004

Industrial Ethernet Switch

Product Datasheet



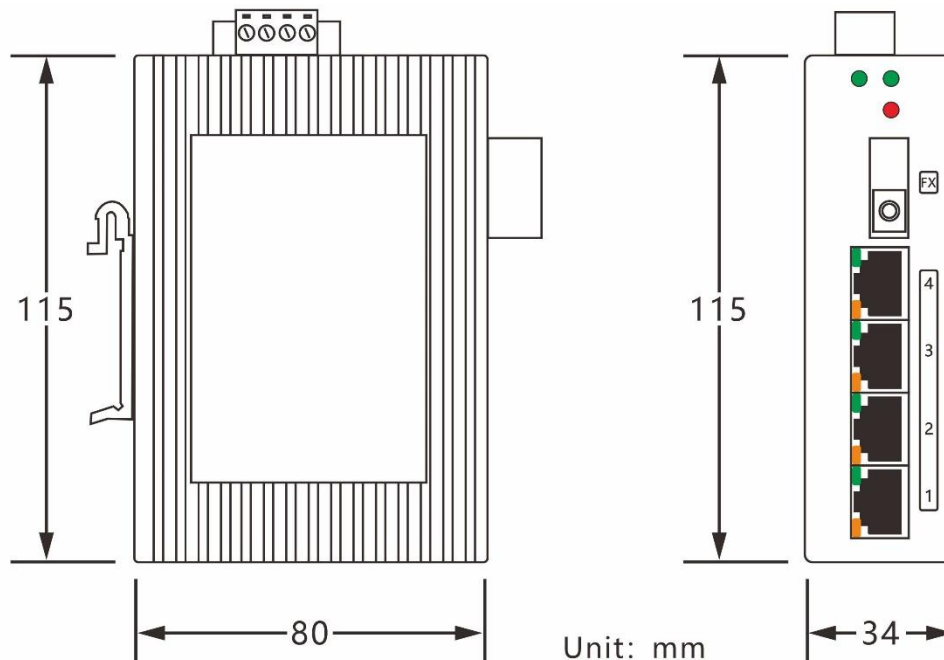
OT-ES004 Industrial Ethernet Switch supports 4 x 10/100Base-TX RJ45 ports and 1 x 100Base-X optical port.

Its wide operating temperature range and port surge protection make it ideal for high-traffic, real-time outdoor environments. This switch is widely applicable in industrial automation, roadways, schools, residential communities, rail transport, and power monitoring systems.

Features

- ◆ Comply with IEEE802.3/802.3u/802.3x store-and-forward mechanism
- ◆ All ports are capable of wire-speed forwarding to ensure non-blocking message transmission
- ◆ Features port auto-flip (Auto MDI/MDIX) function
- ◆ Support redundant power input with overload and reverse polarity protection
- ◆ Support full-load operation in a temperature range of -40°C to 85°C
- ◆ Low power consumption with a fanless design

Dimension

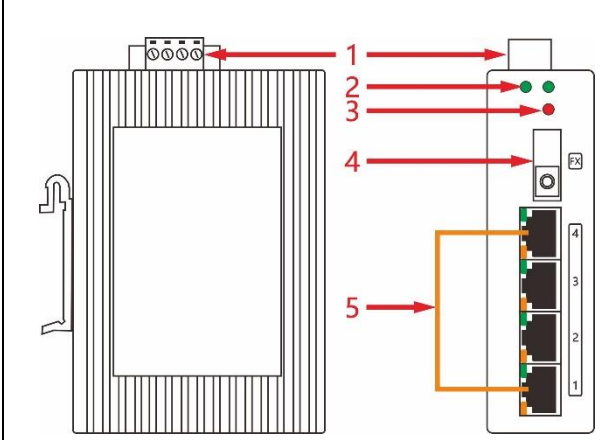


Note: Dimension error value ± 1 mm

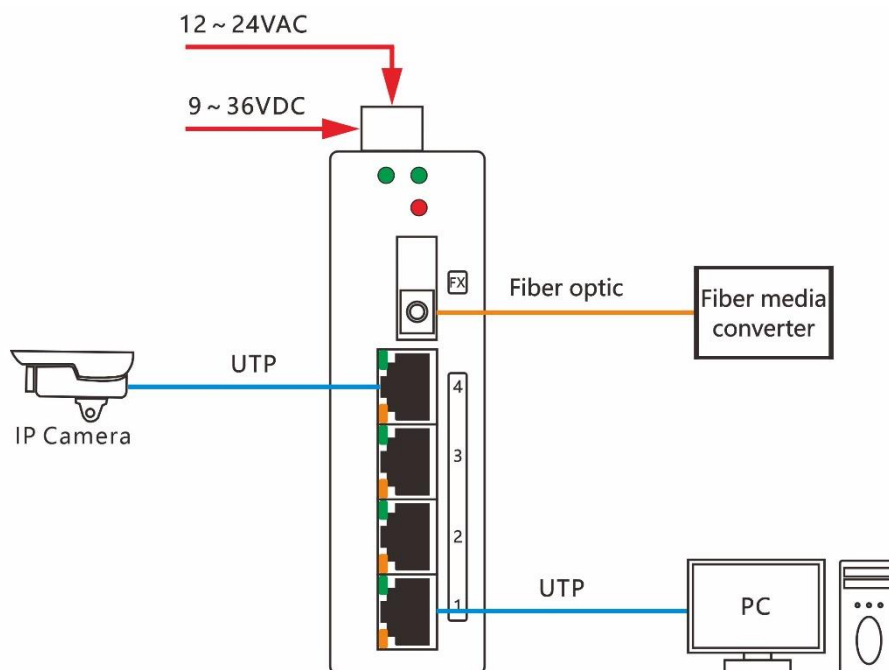
Technical Parameter

Category		Description
Interface	RJ45 port	10/100Base-TX, auto-negotiation
	Optical Port	100Base-X (SC standard, ST/FC optional)
	Power Interface	5.08mm industrial terminal
Standards Conformance	Standards Compliance	IEEE802.3、IEEE802.3u、IEEE 802.3x
Power	Power Input	12-24VAC / 9-36VDC redundant input
Mechanical Characteristic	Enclosure	High-strength corrugated profile case
	Protection Rating	IP40
	Installation	DIN-rail mounting
	Weight	292g/PC
Switching Characteristic	Architecture	Store and forward
	Switching Bandwidth	1.8G
	Packet Forwarding Rate	1.33Mpps
	Buffer Memory	1Mb
Operating Environment	Operating Temperature	-40℃~85℃
	Storage Temperature	-45℃~85℃
	Operating Humidity	< 95% (Non-condensation)

Installation Instructions

		NO	Step
		1	Low voltage power input port, please pay attention to the polarity (1)
		2	Power status indicator(2)
		3	Optical port status indicator (3)
		4	Fiber optic interface (4)
		5	Network port interface (5)

Connection Diagram



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Thank you for choosing Ourten!

*Specifications are subject to change without notice.