Model OT-ES005

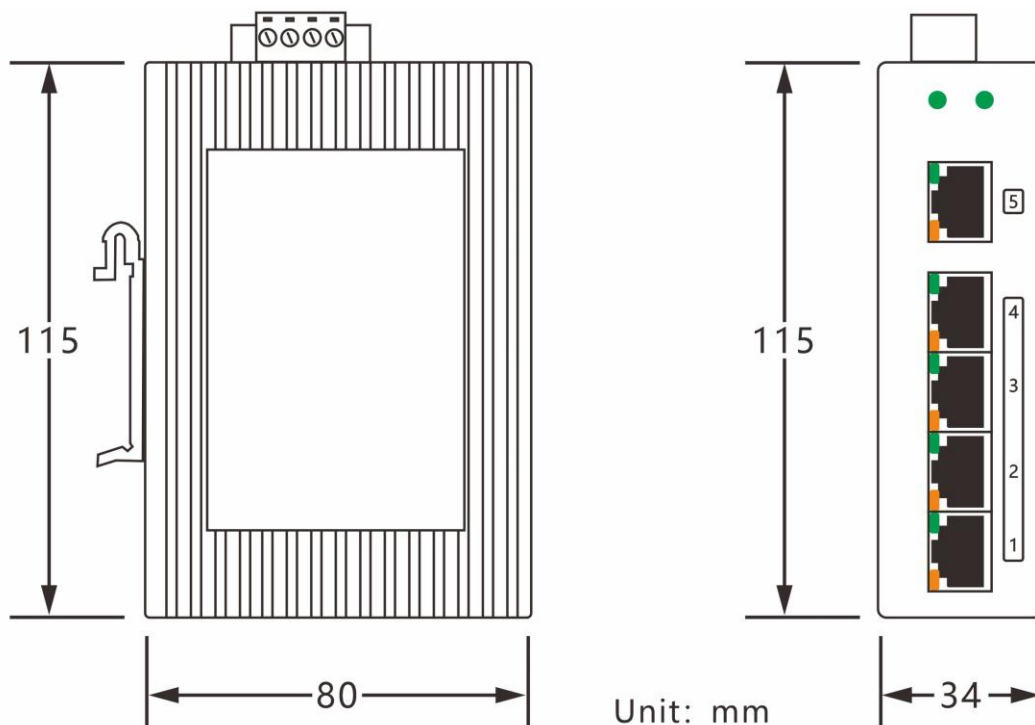# Industrial Ethernet Switch

Product Datasheet

OT-ES005 Industrial Ethernet Switch supports 5 x 10/100Base-TX ports, dual power redundancy input. Its wide operating temperature range and port surge protection are especially suitable for high-traffic, real-time outdoor environments. Widely applicable in industrial automation control, roads, schools, residential areas, rail transport and power monitoring scenarios.

Features

- ◆ Support 5 x 10/100Base-TX network ports

- ◆ All ports have wire-speed forwarding capability to ensure non-blocking packet forwarding

- ◆ Support redundant power input with overload and reverse polarity protection

- ◆ Support full-load operation within a -40°C to 85°C temperature range

- ◆ Low power consumption with a fanless design

- ◆ High strength corrugated profile casing, rail-mounted installation, IP40 protection level
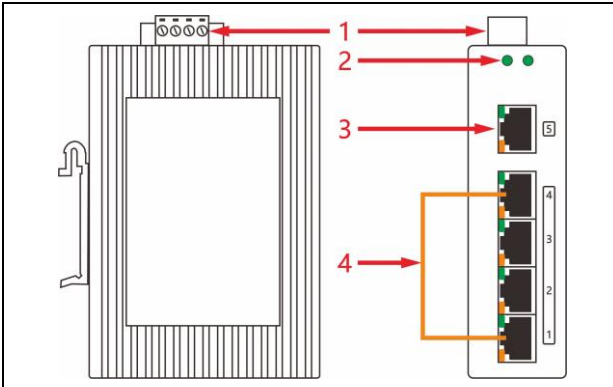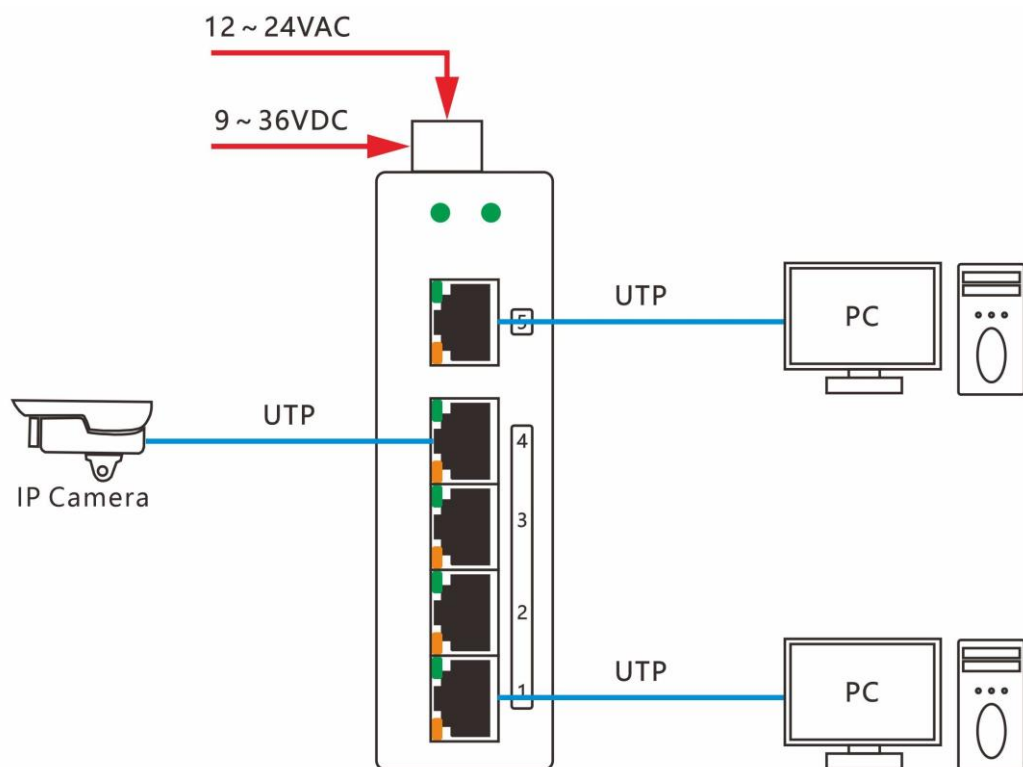
Dimension

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
Standards Conformance	Standards Compliance	IEEE802.3、IEEE802.3u、IEEE 802.3x
Power	Power Input	12-24VAC / 9-36VDC redundant input
	Idle Current	0.16A@12VDC (max)
	Full Load Current	0.37A@12VDC (max)
Mechanical Characteristic	Enclosure	High-strength corrugated profile case
	Protection Rating	IP40
	Installation	DIN-rail mounting
	Weight	550g/PC
Operating Environment	Operating Temperature	-40°C～85°C
	Storage Temperature	-45°C～85°C
	Operating Humidity	5%～95% (Non-condensation)

Installation Instructions

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

Connection Diagram

12 ~ 24VAC

9 ~ 36VDC

UTP — PC

IP Camera — UTP

4

3

2

1 — UTP — PC

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