Model OT-ES005

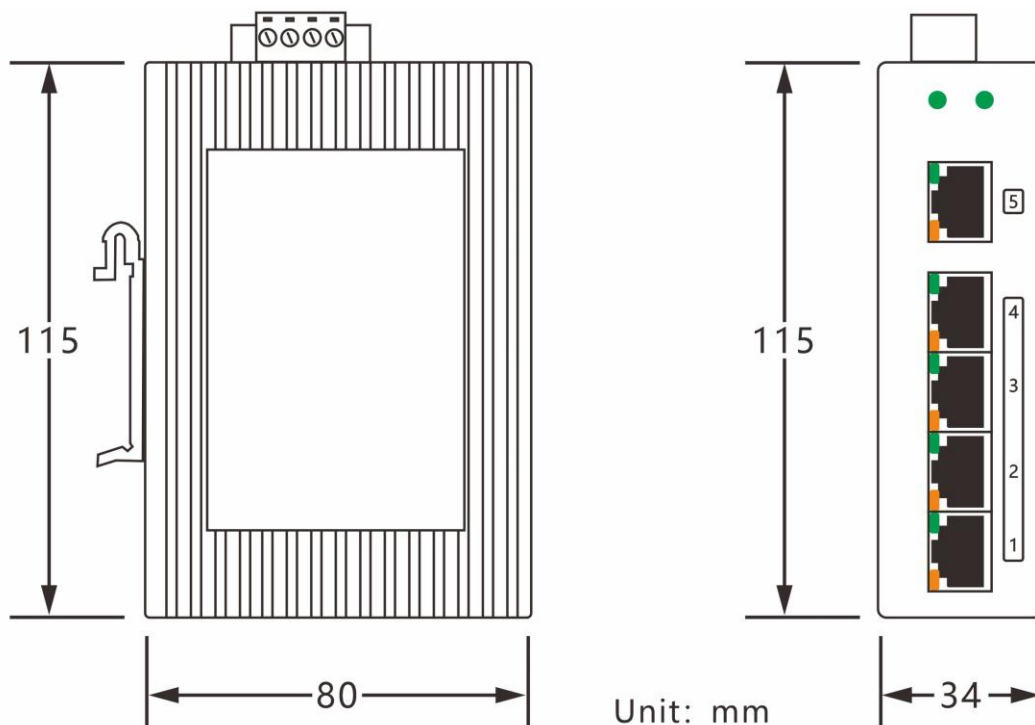# Industrial Ethernet Switch

Product User Manual

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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

☆ Support IEEE802.3/802.3u/802.3x storage and forwarding methods

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

☆ Support port auto-negotiation (Auto MDI/MDIX) function

☆ Support redundant power input with overload and reverse polarity protection

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

☆ Low power consumption with a fanless design

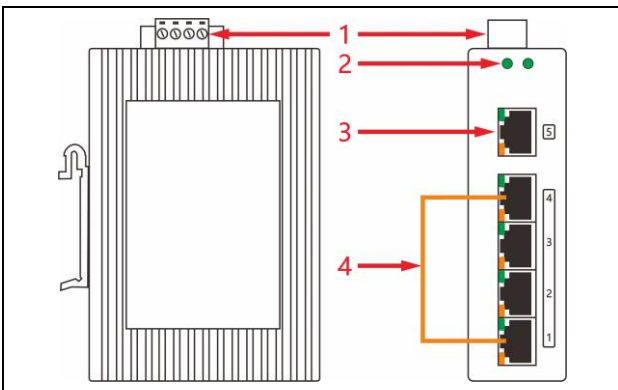☆ High strength corrugated profile casing, rail-mounted installation, IP40 protection level
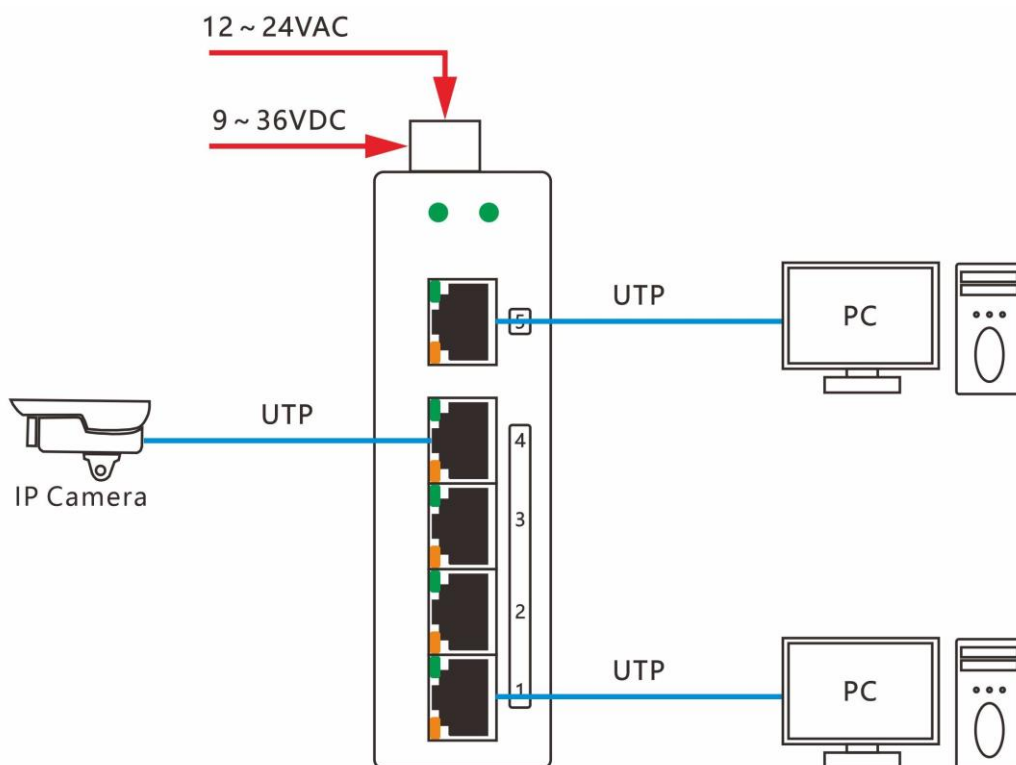
Dimension

115

115

80

34

Unit: 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
Operating Environment	Operating Temperature	-40℃～85℃
	Storage Temperature	-45℃～85℃
	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

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