



PRODUCT SPECIFICATION

ER1000



Devanture Technologies
(S) Pte. Ltd.

Product Introduction



5 Port Gigabit

Plug & Play

Stable Operation

Industrial Grade

The ER series, as the flagship series of industrial networking devices carefully crafted by Chengdu IOTRouter, is designed to meet the stringent requirements of efficient, stable, and secure communication in the [Industry 4.0](#) and [Internet of Things \(IoT\) era](#). This series gateway focus on comprehensive industrial router solutions for [5G](#) and [high-performance](#) industrial network switch, aiming to provide [seamless](#) and [high-speed](#) industrial network communication platform for enterprise level users.

The ER series industrial switch play a crucial role in industrial automation control system due to their [excellent environmental adaptability](#), [high reliability](#), and [powerful data processing capability](#). They support multiple industrial communication protocols, efficiently integrate various devices on the production line, achieve high-speed data exchange and collaborative operations, and lay a solid foundation for building an [intelligent](#) and [digital](#) factory environment.

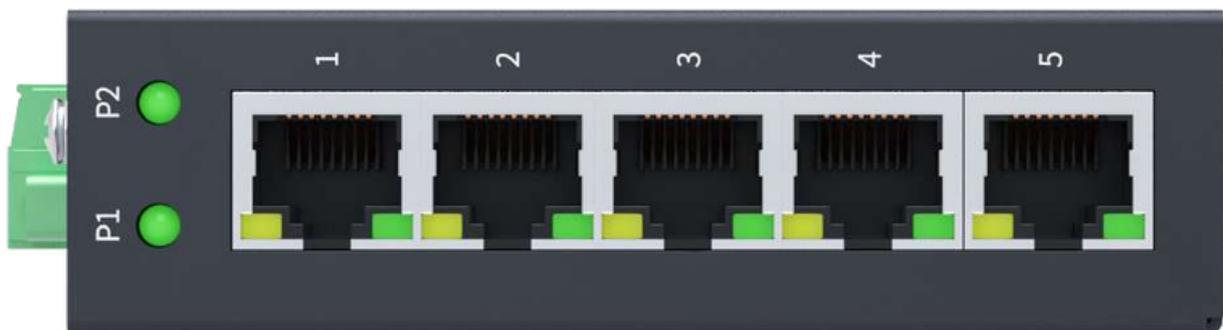
Product Specification

Model		ER1000
Basic Parameters	Ethernet	5 * 10M/100M/1000M Self-Adaptive
	Backplane Bandwidth	10G
	Packet Forwarding Rate	1488000pps
	MAC Address Capacity	2K
	Network Protocol	IEEE 802.3、IEEE 802.3u、IEEE 802.3x、IEEE802.3az、IEEE802.3ab
	Network Media	10Base-T: Category 3 UTP or above 100Base TX: Category 5 UTP 1000Base TX: Category 5e UTP or above
Electrical Parameters	Authentication	CE
	Adapter	12V/2A
	Operating Voltage	DC 9~36V
	Operating Current	135mA/12V
Environmental Parameters	Operating Temperature	-40~85°C
	Storage Temperature	-40~85°C
	Operating Humidity	5%~95% (No Condensation)
	Store Humidity	5%~95% (No Condensation)
Mechanical Parameters	Size	95*86*27mm
	Housing Material	Galvanized Steel
	Installation	Guide Rail
	Heat Dissipation	Passive Cooling
	REST Button	Press and Hold for 10s to Reset
EMC	Electrostatic Discharge	Air Discharge level3 ±8KV Contact Discharge level2 ±4KV
	Surge	level2 ±1KV
	Burst (EFT)	level2 ±1KV

Wiring Instruction

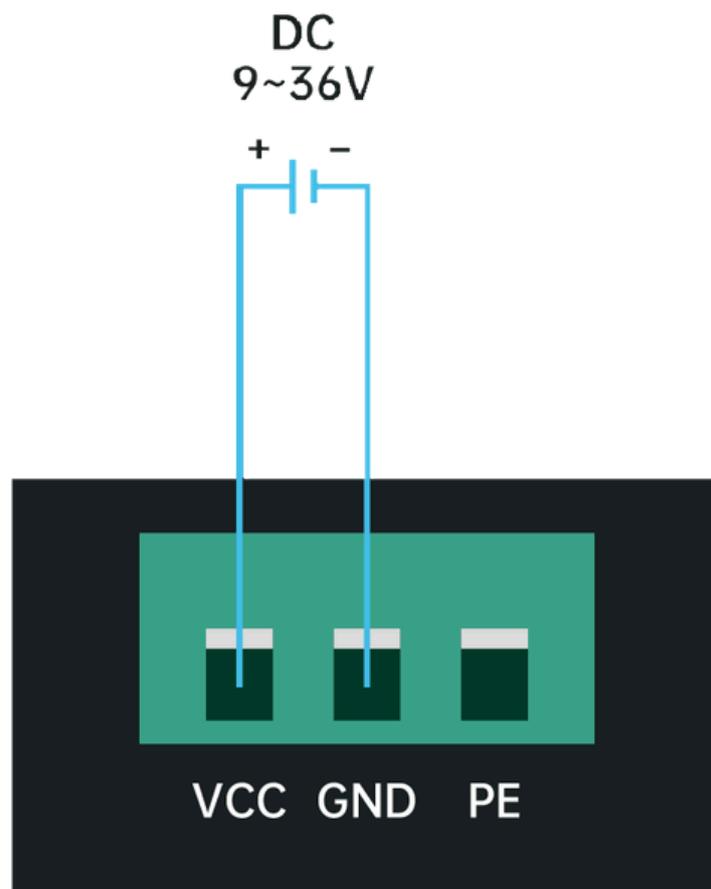


Interface Identification-1



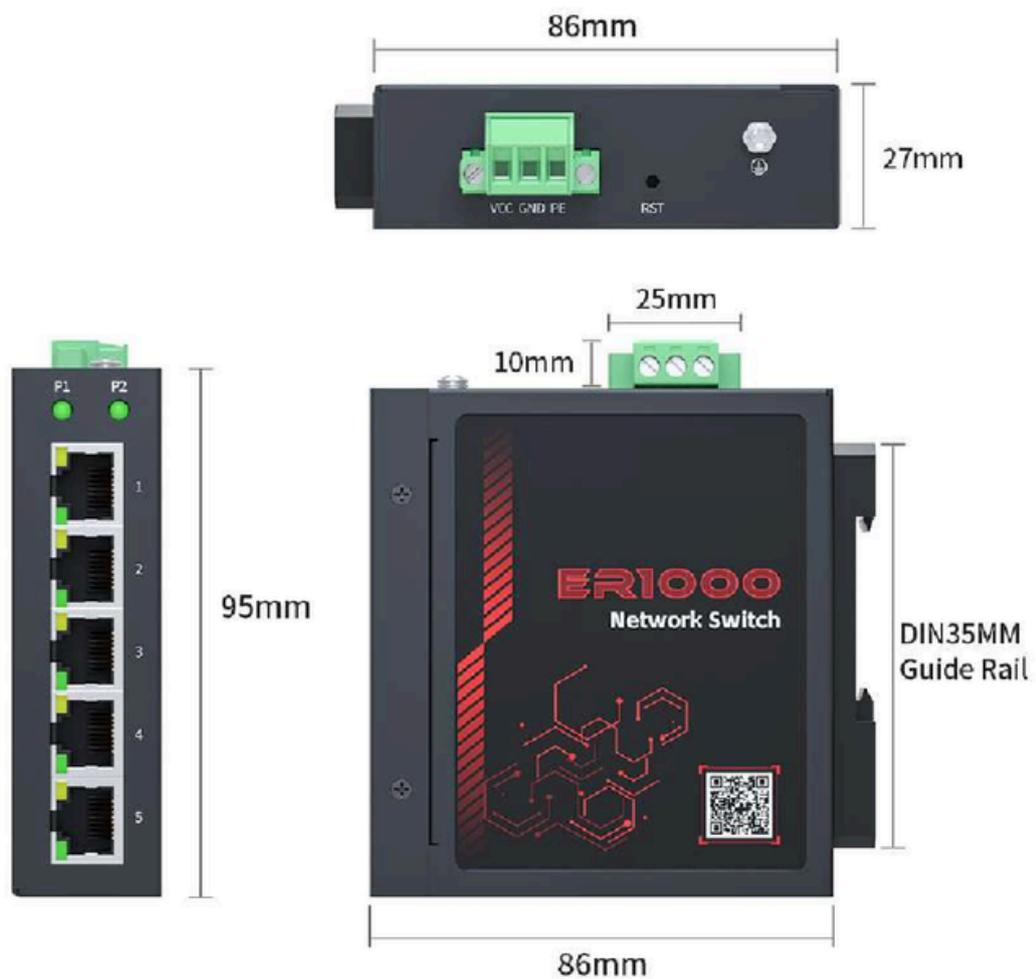
Interface Identification-2

Wiring Instruction



ER1000 Power Wiring Diagram

Installation Instruction



Product Size

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