IOTROUTER® 纵横智控

PRODUCT SPECIFICATION

ER4200



Chengdu Zongheng Intelligence Control Technology Co., Ltd.

产品介绍 PRODUCT INTRODUCTION



- 4G Cat.4
- WiFi6
- Fast Network
- Small Size
- Industrial Grade

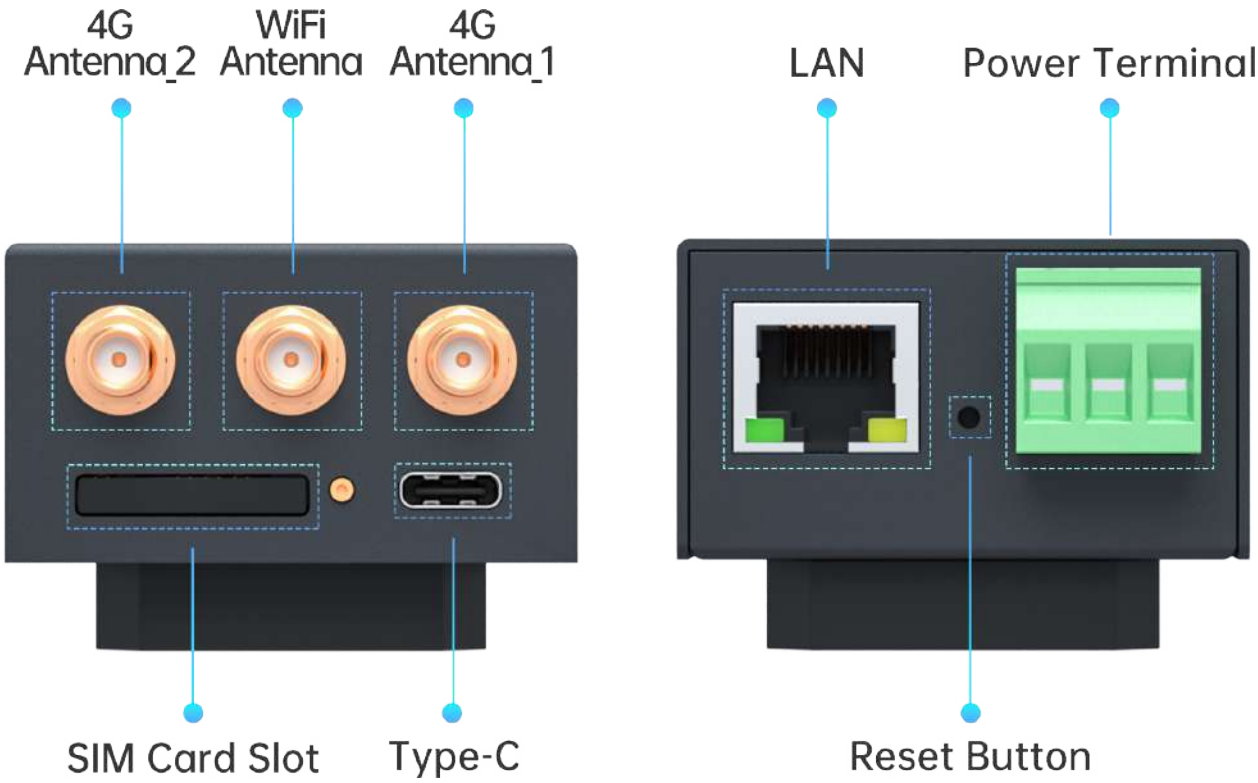
As the flagship series of industrial networking of IOTROUTER, ER series is designed to create an efficient communication base for **Industry 4.0** and **IoT** scenarios. Based on the layout of 5G technology, newly added **4G Cat.4** industrial router provides **flexible** and **reliable** connection solutions for the intelligent transformation of traditional industries with **high cost performance** and **wide network compatibility**.

As a full-scenario popular product of the ER series, ER4200 achieves **150Mbps** high-speed networking through dual-channel 4G aggregation transmission technology, and cooperates with the new generation of **WiFi6** standard wireless coverage capabilities to provide **stable** and **efficient** network support for industrial IoT, environmental monitoring, mobile inspection and other scenarios. Its **industrial-grade protection design** and **palm-sized structure** can not only withstand extreme temperature difference shocks, but also can be flexibly deployed in various small spaces, significantly improving the all-weather connection reliability of industrial equipment in complex environments.

产品规格 PRODUCT SPECIFICATION

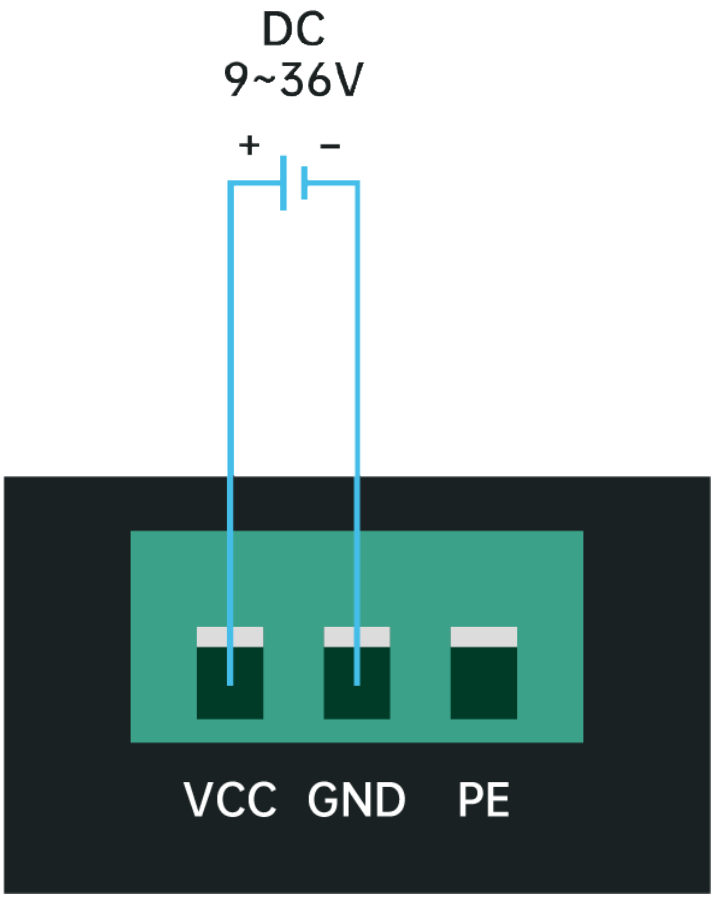
Model		ER4200
Communication module	4G LTE Band	B1/B3/B5/B8/B34/B38/B39/B40/B41
	WCDMA Band	B1/B5/B8
	Theoretical Speed	DL：150 Mbps / UL：130 Mbps
WIFI	Wireless Standards	IEEE802.11b/g/n/ax
	WIFI Standard	WIFI6
	Wireless Frequency	2.4 GHz
	Theoretical Speed	100 Mbps
	WiFi Mode	AP
Ethernet	LAN	1 * 10M/100M Self-Adaptive
Other Interfaces	SIM Card	1
	Modular Antenna	2
	WIFI Antenna	1
Electrical Parameters	Authentication	CE
	Adapter	12V/2A
	Operating Voltage	DC 9~36V
	Operating Current	100mA/12V
Environmental Parameters	Operating Temperature	-40~85℃
	Storage Temperature	-40~85℃
	Operating Humidity	5%~95%（No Condensation）
	Store Humidity	5%~95%（No Condensation）
Mechanical Parameters	Size	83*50*28mm
	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

接线说明 WIRING INSTRUCTION



ER4200 Interface Identification

接线说明 WIRING INSTRUCTION



ER4200 Power Wiring Diagram

安装说明 INSTALLATION INSTRUCTION



Product Size

A LEADING PROVIDER OF INTEGRATED IT AND OT PRODUCTS

R&D Center :
CHENGDU IOTRouter TECHNOLOGY CO., LTD
No. 599, Section 1, Huafu Avenue, Shuangliu District, Chengdu city, Sichuan Province, China

Website :
www.iotrouter.com

Mail :
agnes@iotrouter.com

WhatsApp