LINOVISION

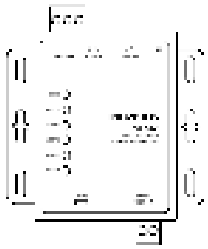
Industrial Serial Device Server for RS232 and RS485 Modbus to Ethernet Conversion

IOT-C101

Quick Guide (V2.0/2026-3-16)

Quick Guide

Package Contents



IOT-C101



Rs232 Cable

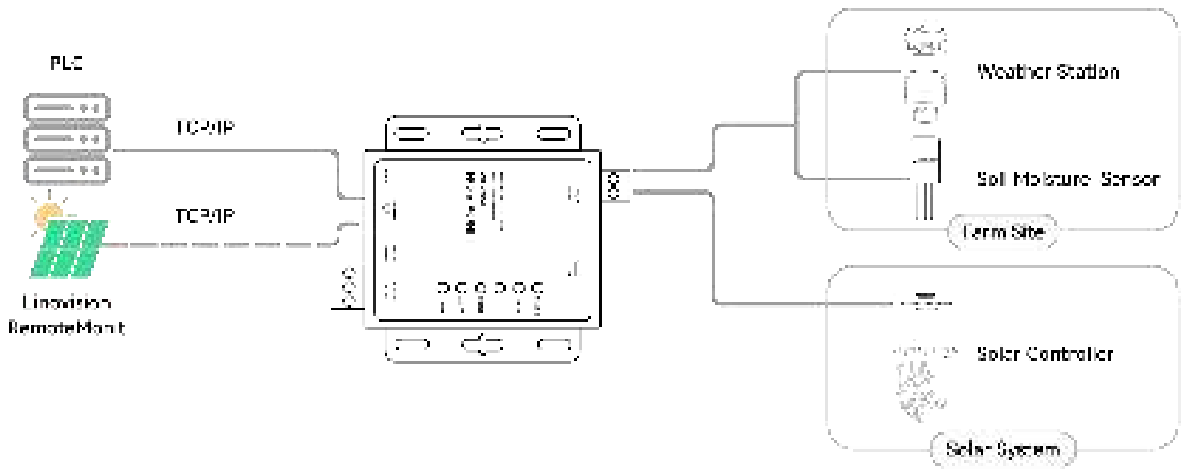


Power Adapter

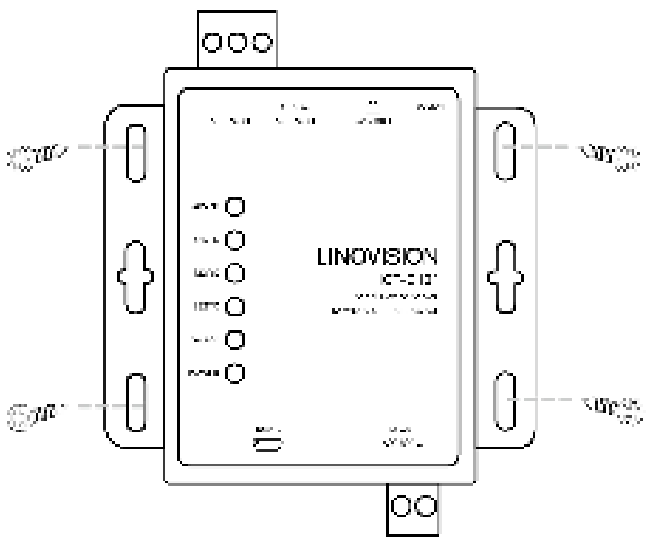


Quick Guide

Connection Diagram

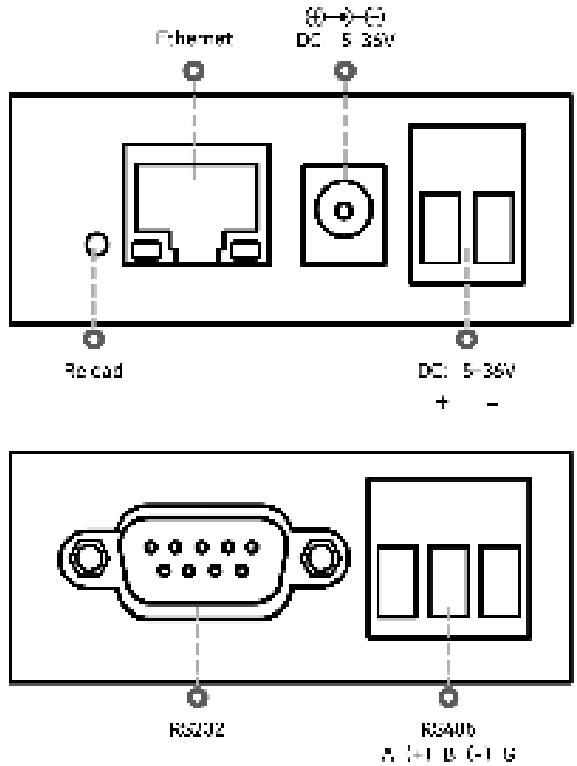


Installation

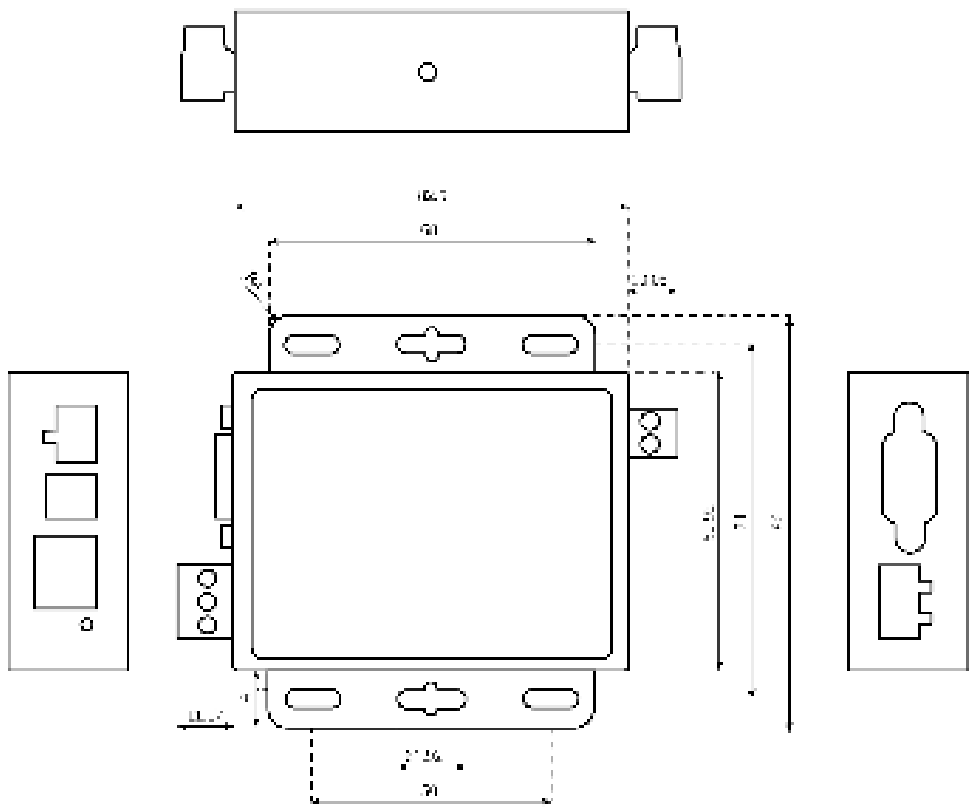


Wall mount

Interface



Dimension



WEB Login

Web Login Steps

Step 1
Ensure the switch is powered on and operating normally. Connect the PC to the switch RJ45 port using an Ethernet cable.

Step 2
Manually set the PC IP address to 192.168.0.X

- X range: 2–254 (excluding 200)
- Subnet mask: 255.255.255.0

Step 3
Open a web browser on the PC and enter http://192.168.0.7 in the address bar, then press Enter.

Step 4
Enter the default login credentials:

- Username: admin
- Password: admin

Click Login to continue.

Step 5
After successfully logging in, the switch web management interface is displayed. Configuration can now be performed.

Specifications

System Information	
Processor	ST Solution, Cortex-M7
Frequency	400MHz
Power	
Power Supply	DC 5.0 ~ 36.0 V, 67mA @12V
Ethernet	
Port Number	1 x RJ45, 10 /100 Mbps, auto MDI/MDX, 1.5KV electromagnetic isolation
Serial Port	
Port Number	1 x RS232, DB9-male, 1 x RS485, 3-pin terminal block, can work simultaneously.
Baud rate	600 bps~230.4Kbps
Data Bits	7, 8
Stop Bit(s)	1, 2
Parity Bit	None, Even, Odd, Mark, Space
Flow Control	Hardware: RTS/CTS (Only RS232) Software: XON/XOFF
Physical Character	
Dimensions (L*W*H)	81.5 * 86 * 25 mm (3.25 * 3.39 * 0.98 in)
Operating Temperature	-40 ~ 85°C (-40 ~ 185°F)
Storage Temperature	-40 ~ 105°C (-40 ~ 221°F)
Operating Humility	5% ~ 95% (Non-condensing)
Storage Humility	5% ~ 95% (Non-condensing)
Basic Features	
Network protocol	IP, TCP, UDP, HTTP, MQTT, SSL/TLS, ARP, ICMP, DHCP, DNS
IP Assignment	Static/DHCP
DNS Service	√
Built-in Webpage	√
Config Method	Built-in Webpage, Config Software, AT Command
Work Mode	TCP Server/TCP client/UDP Server/UDP Client/HTTPD client
Edge Computing	√, up to 128 points
MQTT Gateway	Standard MQTT protocol

Specifications

Encryption	MQTT+SSL, TCPC+SSL
Modbus Gateway	Modbus RTU/TCP protocol conversion, Multi-host polling: up to 16 hosts
WebSocket	√
RF2217 Similar	√
Registration Packet	√
Heartbeat Packet	√
Serial Packets Cache	Dynamic packet cache. For example: When the packet length is 10 bytes, the serial port can cache 371 packets(3.71KB). When the packet length is 1460 bytes, the serial port can cache 10 packets(14.6KB).
Ethernet Packets Cache	48KBytes
Others	
Certificate	CE, FCC, *RoHS, *WEEE

LED Indicator

LED	Status	Indication
POWER	On	Power on
	Off	Power off
WORK	Blink	Working normally
	Off or Light	Not working normally
232TX	Blink	Sending data to serial (RS232)
	Off	No data sending to serial (RS232)
232RX	Blink	Receiving data from serial (RS232)
	Off	No data receiving from serial (RS232)
485TX	Blink	Sending data to serial (RS485)
	Off	No data sending to serial (RS485)
485RX	Blink	Receiving data from serial (RS485)
	Off	No data receiving from serial (RS485)