

FC-485 To ETH



RS485 To RJ45 Ethernet Converter



Rail-mount



Modbus Gateway



Multi Communications



Terminal Power in



RJ45 Ethernet
(POE optional)



MQTT & JSON



Multi Host Support



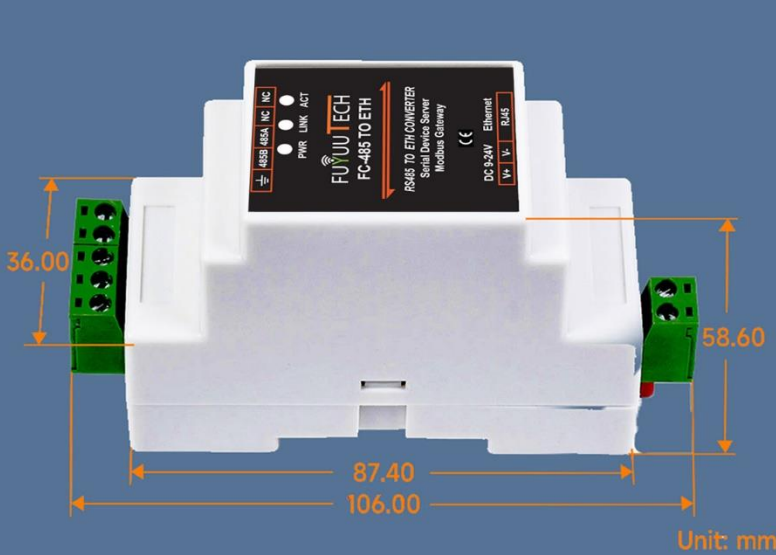
Multi Features



Host/Webpage Config



Industrial Quality



Specifications

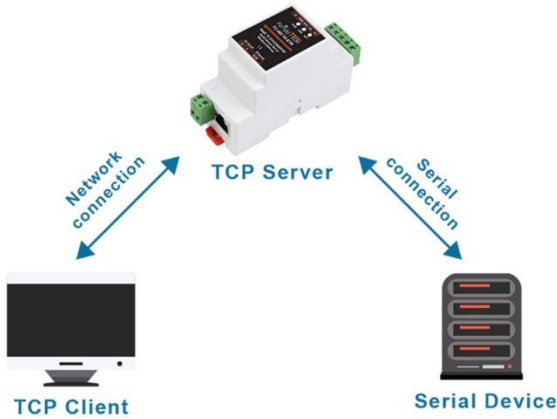
Param / Model	FC-485
Product Type	Serial server, Modbus Gateway, MQTT Gateway
Basic Function	Bi-directional transparent data transmission between FC-485 and Ethernet
Communication interface	RS485 port x 1, Ethernet port x 1
Power supply	9 ~ 24V DC screw terminal
Isolation Protection	N/C

Ethernet	common network port 10 / 100M auto-negotiation RJ45 connector, 2 KV surge protection
Serial port	RS485
Baudrate	300 ~ 115200 bps
Parity bit	none, odd, even, mark, space
Data bit	5 ~ 9 bits

Flow control	N/A
Protocol	ETHERNET, IP, TCP, UDP, HTTP, ARP, ICMP, DHCP, DNS
Configuration	host, web browser, device management functions library
Communication method	TCP/IP direct communication, VCOM
Operating mode	TCP server, TCP client (coexisting with TCP server), UDP, UDP multicast
Operating temperature	-40°C ~ 85°C
Storage temperature	-40°C ~ 100°C
Humidity range	5% ~ 95% relative humidity
Dimensions	L x W x H: 87 x 36 x 59 mm

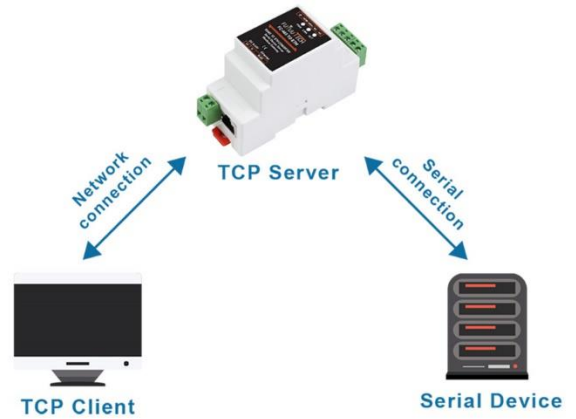
TCP Server

Supports 30 concurrent TCP connections when used as TCP Server



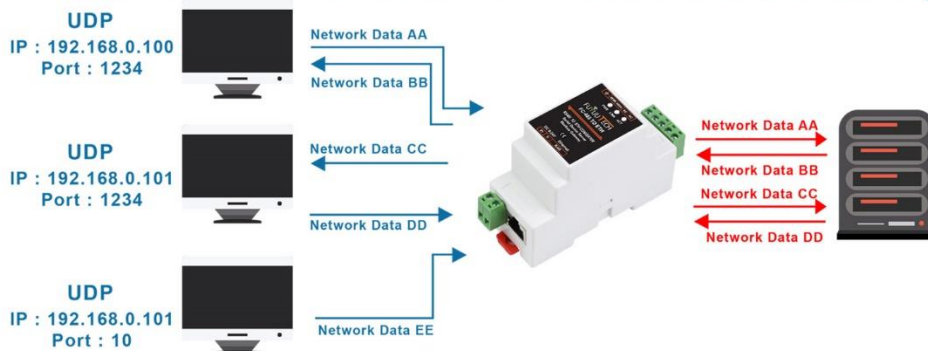
TCP Server

Allows concurrently connecting to 7 target IPs when used TCP Client



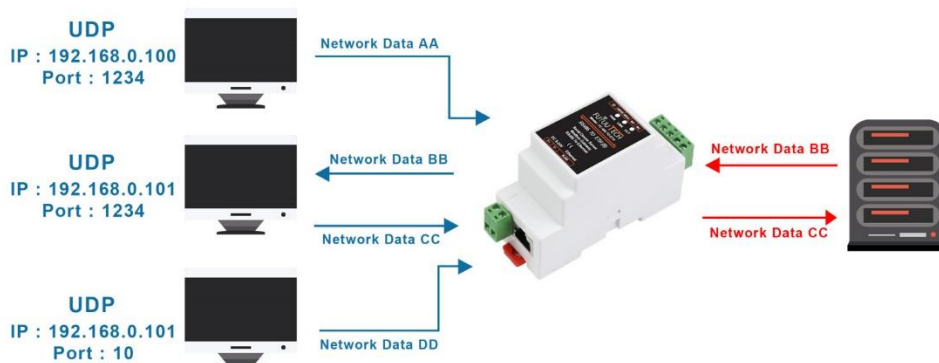
TCP Server

UDP Server will automatically send the received data to the target of previous communication, suitable for multi network devices communication



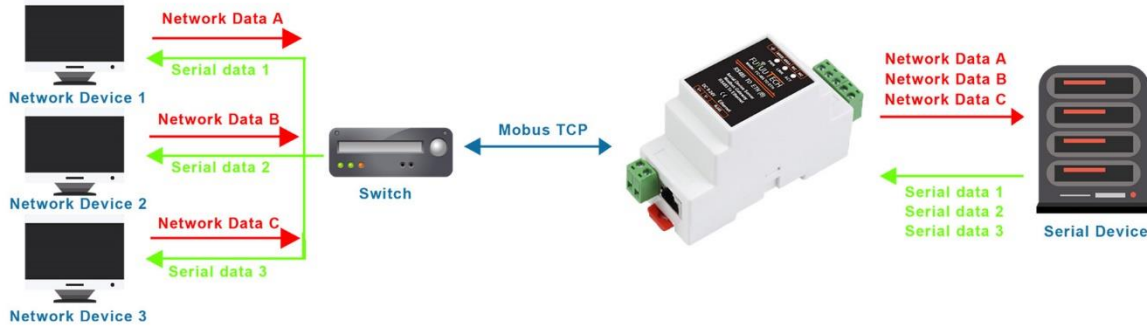
TCP Client

UDP Client will communicate with specific IP and port no. only, thus improving the data transfer accuracy



Multi Hosts Roll-Polling Support

Different network device will be identified and responded respective, No more crosstalk issue while communication with multi network device



Modbus Gateway Support

Suitable for modbus gridding upgrade, Can Be Used with 3D configuration software



User-Defined Heartbeat/Registration

Easy for cloud communication and device identification



MQTT/JSON To Modbus

More Flexible Conversion Between Different Protocols

