



KP-RS485 TO LAN SERIES

Modbus RTU to Modbus TCP

- Convert Between Modbus TCP and Modbus RTU
- 1 Ethernet port and 1,2,4,8 RS232/422/485 Ports
- Each RS485 port supports up to 256 nodes
- Support DHCP / DNS / HTTP protocols
- Easy Hardware setup

Introduction

KP-RS485 TO LAN SERIES is a high performance serial device server and Modbus Gateway product designed for lightning resistance, anti-electromagnetic interference and resisting bad environment requirements, which is the flagship product on serial device server. The Gateway are designed for easy integration of Modbus TCP and RTU networks. With those models, Modbus serial slave devices can be seamlessly incorporated into an existing Modbus TCP network, and Modbus TCP slaves can be made accessible to serial masters. The KP-RS485 TO LAN SERIES offer features that make network integration easy, customizable, and compatible with any Modbus network.

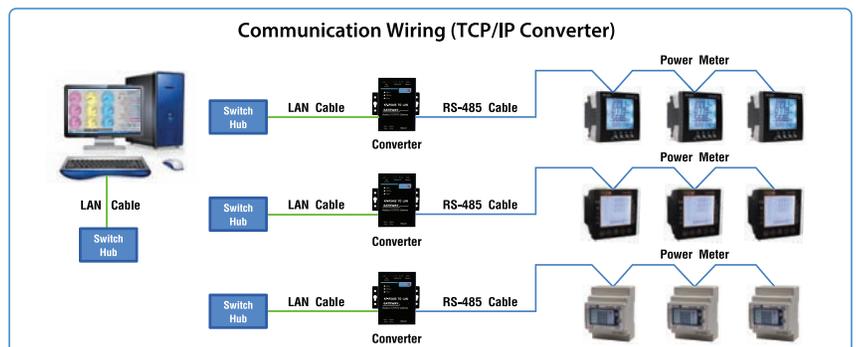
Model selection :

KP-RS485 TO LAN : 1x RS232/422/485 ports

KP-RS485 TO LAN-2 : 2x RS232/422/485 ports

KP-RS485 TO LAN-4 : 4x RS232/422/485 ports

KP-RS485 TO LAN-8 : 8x RS232/485 ports



Isolation Character

Power Isolation	3KV
RS485/422 Isolation	2.5KV
HCMTI	2.5KV/us
RS485/422 ESD Protection	15KV

Network Interface

Ethernet	10/100 Mbps, RJ45, 2 KV surge protection
Work Mode	TCP Server, TCP Client, UDP/UDP Multicast, TCP Server /Client Coexist

Serial Interface

Interface	RS232/485/422 x 1
Baud Rate	1200bps~115200bps
Serial Parameter	Check bit: None, Odd, Even Data bit: 5~9; Stop bit: 1,2; Flow control: RTS/CTS,DTR/DCR, XON/XOFF

Electrical Character

Voltage Range	18~36V DC, 400~600mW (can be customized 12V input)
Voltage Input	DC Plug or Terminal

Mechanical Character

Size	L x W x H 9.4cmx6.5cmx2.5cm
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Work Environment

Work Temp. Humidity	-45~85°C, 5-95% RH
Storage Temp. Humidity	-45~165°C, 5-95% RH



KP-RS485 TO LAN



KP-RS485 TO LAN-2



KP-RS485 TO LAN-4



KP-RS485 TO LAN-8

Parameter:

RS232 Interface	RJ45 interface, qty. 1
RS485 Interface	Terminal, qty. 1
RS422 Interface	Need customized to open, qty. 1
Input Voltage	DC9~24V, power consumption less than 4W
Size	L x W x H=9.4cmx6.5cmx2.5cm

Parameter:

RS232 Interface	RJ45 interface, qty. 2
RS485 Interface	Terminal, qty. 2
RS422 Interface	Need customized to open, qty. 2
Input Voltage	DC9~24V, power consumption less than 4W
Size	L x W x H=9.4cmx6.5cmx2.5cm

Parameter:

RS232 Interface	Db9, qty. 4
RS485 Interface	Terminal, qty. 4
RS422 Interface	4 Line terminal, qty. 4
Input Voltage	DC9~24V, power consumption less than 4W
Size	L x W x H=9.2cmx19.7cmx2.5cm

Parameter:

RS232 Interface	Db9, qty. 8
RS485 Interface	Equip Db9 to terminal pinboard, qty. 8
RS422 Interface	None
Input Voltage	DC9~24V, power consumption less than 5.4W
Size	L x W x H=27cmx10.5cmx2.6cm

