

IP Device Server

STE211W & STE211

- ◀ 2-port Serial to Ethernet Wireless Device Server
- ▶ 2-port Serial to Ethernet Device Server



The serial to Ethernet wireless device server (STE211W) and serial to Ethernet device server (STE211) provide a bridging device to connect RS-232/RS-485 Serial Data communications to hardwired Ethernet networks or WiFi wireless networks. It connects serial devices such as PLC, alarm sensors and PTZ camera control to IP networks. Applications include industrial/factory automation, public safety, and surveillance systems. The Serial converter is built for use in light industrial environments, featuring a compact wall-mount design. It operates from 9-32VDC power supply voltages with terminal block connectors and is easy to configure through its web GUI interface.

Features

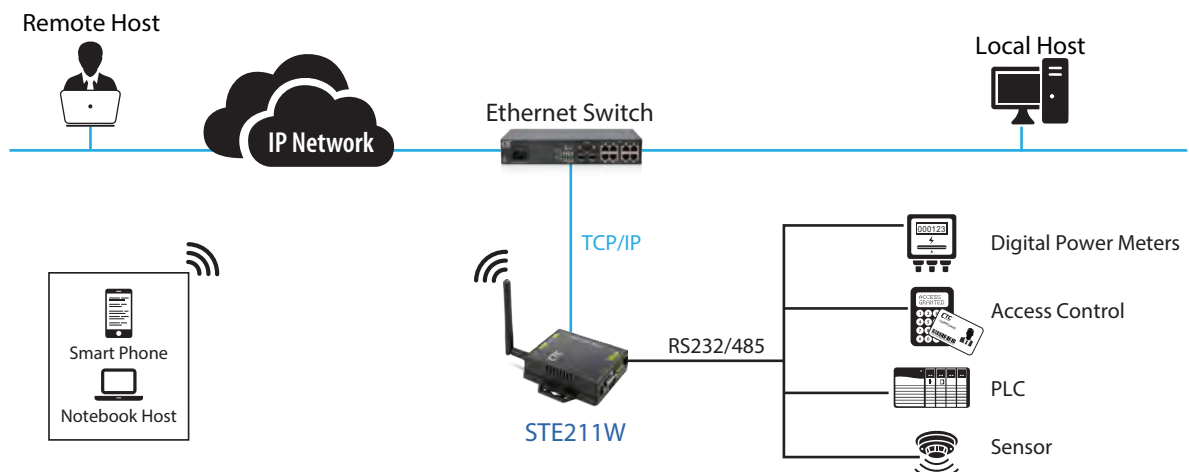
- 1-port RS-232 + 1-port RS-422/485
- As a Server, supports 4 TCP Clients connection simultaneously
- As a Client, supports connecting with 4 TCP Servers
- Supports Virtual COM application software
- Easy installation with Windows IP Search utility
- Web browser configuration
- Supports 802.11b/g/n and Ethernet, 2 IPs (STE211W)
- Watch Dog Function

Specifications

Ethernet	Port Type	RJ-45 Connector
	Speed	10/100 M bps (Auto Detecting)
	Protocol	ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, DNS, NTP
	Mode	TCP Server/TCP Client/UDP/Virtual Com
	Setup	HTTP Browser Setup (IE, Chrome, Firefox)
	Security	Setup Password
	Protection	Built-in 1.5KV Magnetic Isolation
	Serial Ports *2	Port
Port		RS-422 / 485 (Surge Protect)
Speed		300 bps ~ 921.6 K bps
Parity		None, Odd, Even
Data Bit		5, 6, 7, 8
Stop Bit		1, 2
RS-232 Pins		Rx, Tx, GND
RS-422		Rx+, Rx-, Tx+, Tx- (Surge Protect)
RS-485		Data+, Data- (Surge Protect)
		15KV ESD for all signals

WiFi (STE211W)	Standard	802.11b/g/n
	Data Rate	11/54/72.2 Mbps @ 20Mhz Band Width
	Modulation	DSSS, OFDM
	Frequency	2.4GHz
	Tx Power 11b	Max. 22dBm
	Tx Power 11g/n	Max. 19dBm
	Rx Sensitivity	-76dBm@54Mbps, -89.5dBm@11Mbps
	Tx Rate	Max. 54Mbps with auto fallback
	Tx Distance	Up to 100 Meters
	Security	WEP 64-bit / 128-bit data encryption, WPA / WPA2
	Antenna	2 dBi, RP-SMA connector
Network Mode	Infrastructure, Soft AP (for Setup)	
LED	SYS, RX, TX, LAN and WiFi (STE211W)	
Power	DC 9~32V, supports DC Jack & Terminal Input	
Power Consumption	2W	
MTBF	60,000 hours (MIL-HDBK-217)	
Dimensions	Dimensions	110 × 90 × 26 mm (W×D×H)
	Weight	110g
	Housing	plastic
Installation Mounting	Wall Mounting	
Environment	Operating Temperature	-20°C ~ 70°C
	Storage Temperature	-25°C ~ 80°C
Certification	CE, FCC	

Application



Ordering Information

Model Name	Description
STE211W	1 × RS232, 1 × RS422/485 Serial to Ethernet Wireless Device Server with Power Adapter
STE211	1 × RS232, 1 × RS422/485 Serial to Ethernet Device Server with Power Adapter