

**NEW**



## GW211W-MQ Modbus to MQTT Gateway

The MQTT Wi-Fi / Ethernet / Serial Gateway, GW211W-MQ provides an easy to deploy device to send RS-232/RS-485 Serial Modbus RTU Data communications to MQTT TCP networks on hard-wired Ethernet or over wireless WiFi networks..The MQTT Gateway works with standard Modbus Slave device, such as PLCs, IoT Sensors, Energy meters (AMRs), Solar Inverters, Wind Turbines, IO Modules, Flow Meters and more. The MQTT Gateway is built for use in light industrial environments and features 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

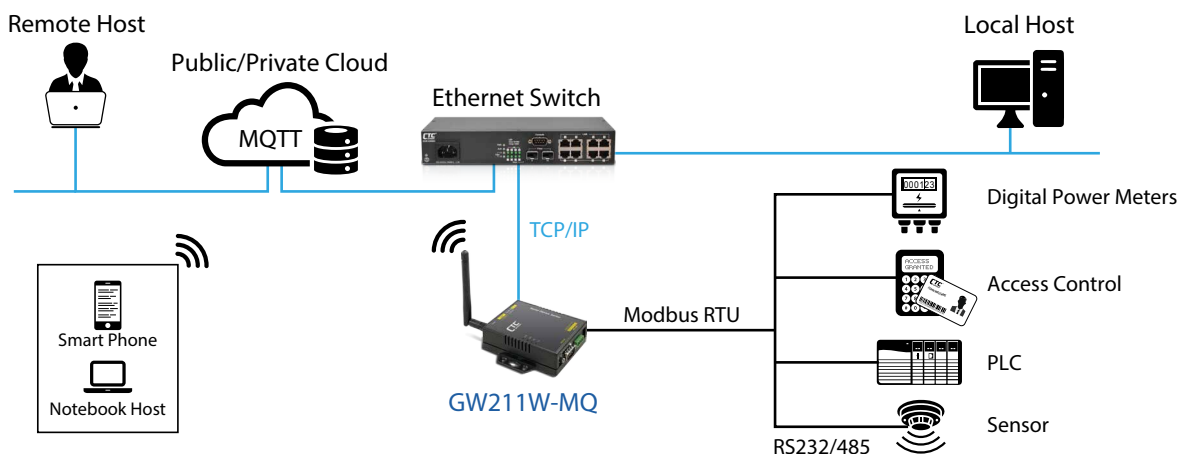
- Supports Modbus RTU to MQTT
- Supports 802.11b/g/n and Ethernet, 2 IPs
- Supports 32 Topics, register length adjustable
- Supports to query 4 remote TCP devices
- Easy MQTT settings by web browser configuration
- Easy installation with Windows IP utility
- On line F/W upgrade
- Watch Dog Function

### Specifications

<b>Ethernet</b>	Port Type	RJ-45 Connector
	Speed	10/100 M bps (Auto Detecting)
	Protocol	ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, DNS, NTP
	Mode	Modbus TCP
	Setup	HTTP Browser Setup (IE, Chrome, Firefox)
	Security	Setup Password
	Protection	Built-in 1.5KV Magnetic Isolation
<b>Serial Ports *2</b>	Port	RS-232
	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
<b>WiFi</b>	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

<b>WiFi</b>	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)
<b>LED</b>	SYS, WiFi, RX, TX, LAN	
<b>Power</b>	DC 9~32V, supports DC Jack & Terminal Input	
<b>Power Consumption</b>	2W	
<b>MTBF</b>	60,000 hours (MIL-HDBK-217)	
<b>Mechanical</b>	Dimensions	110 x 90 x 26 mm (W x D x H)
	Weight	110g
	Housing	plastic
<b>Installation Mounting</b>	Wall Mounting	
<b>Environment</b>	Operating Temperature	-20°C ~ 70°C
	Storage Temperature	-25°C ~ 80°C
<b>Certification</b>	FCC, CE	

### Application



### Ordering Information

Model Name	Description
GW211W-MQ	1x RS232, 1x RS422/485 Modbus to MQTT Wireless Gateway with Power Adapter