Ethernet IoT Gateway's

Ethernet Series · **Web Configuration** · **TCP/Http/MQTT**

IoT · OTA · inbuilt **DATALOGGER** · LoRa · Modbus

Remotely Configurable / Upgradable

Wiman Ethernet Gateway Series is smart RS485/TCP Modbus/IO/LoRa to Ethernet Gateway, Expand your Data communication over wired/wireless networks by Ethernet Gateway with Secure and two-way communication, without in-depth knowledge of Protocol Concepts. Our Smart Modbus Gateways Series replaces the complex approach of sending the Modbus slave/IO data to the centralized server, either single or multiple slaves/nodes. The device has option to configure different interval settings can assign based on Priority. Support multiple Protocols too, Like TCP or Http or MQTT mode. All the Parameter are configurable via Web Configuration, PC Utility, IP Utility or Server IP Commands, all configurations can update remotely too. Our generic device can able to read from any Standard Modbus RS485/TCP Modbus Slave devices. The built-in smart data redundancy communication paths of Ethernet in RTU Gateway, the data would be guaranteed to transfer your centralized server, Inbuilt Logger enable during Network/Server Disconnection, Wiman Assure that we won't lose single Packet even in Disconnection.

Limitless Application

✓ Smart Meter Reading, Utility
✓ Power Monitoring and Control
✓ PLC, Automations, Industry 4.0
✓ Temperature Alerts, Indicators, Base Stations
✓ Pump Control, Flow Measurements
✓ SCADA, Solar Monitoring, Windmill
✓ Central Monitoring and Control Systems
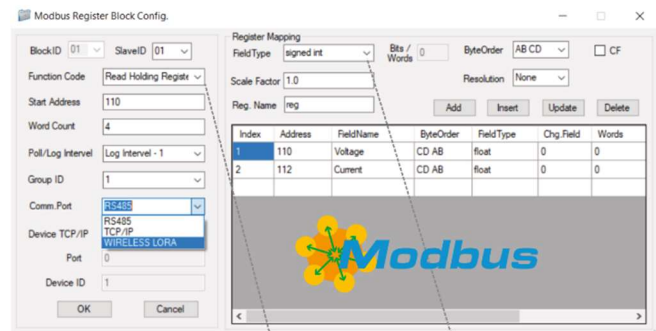✓ ATM, Cold Storage, Home Automation and more..

Highlight Features

✓ Intelligent RS485/TCP Modbus/LoRa, IO, Data Logger Enabled,
✓ 1 x RS-485, 1x LAN Port for Event and TCP Modbus
✓ Same LAN Port for TCP Modbus and Event Transmission
✓ Configurable Multiple Slave IDs, Selectable Address Range
✓ Modbus Datatype Conversion, Byte orders, Scale Factor config
✓ Upto 64 Slaves, Combined RS485, TCP Modbus & LoRa Nodes
✓ Read upto 2400 Words of Modbus Data – Dynamically
✓ Transparent Command for Modbus Read/Write Operations
✓ LoRa Options – Converters, Repeaters and IO Nodes
✓ Data Logger Enable during Server/Network Disconnection
✓ Configurable TCP/Http/MQTT Mode, GET/POST Methods
✓ Configurable JSON Format for Parameter Packetization
✓ Config Polling Options – Scheduling, Query, DI, Offline Log Based
✓ Edge Trigger Options to Set Conditions to Relay, Modbus Write
✓ Local Console for Tracing Data Packets (Mirror of Server Packet)
✓ Monitor the Server Transactions – Tx/Rx Packets, Response time etc

Model / Info	WT610M	WT600M	WT605M
Name	**LAN-LITE**	**LAN-PRO**	**LAN-LPRO**
ADI IN 1	0 to 24V	0 to 24V	0 to 24V
ADI IN 2	0 to 24V	0 to 24V	0 to 24V
DI IN 3	-	0 to 24V	0 to 24V
DI IN 4	-	DI, PULSE	DI, PULSE
4 to 20mA IN	1	1	1
Relay	-	1	1
RTU RS485	YES	YES	YES
TCP Modbus	-	YES	YES
LoRa Modbus	-	-	YES
Slave Block	32	64	64

Modbus Master Loaded, Easy and Simple !

Configure in **60** Seconds

Data in **30** Seconds

We Connected with Core Technology !

Generic Modbus IoT Gateway Series

LITE PRO LPRO

Technical Specification

Ethernet

Interface	RJ45 Ethernet 10BASE-T or 100BASE-TX (Auto)
Speed	10/100 Ethernet Half/ Full Duplex (Auto negotiating)
TCP/IP Protocols	TCP, UDP, ICMP, IPv4, ARP, IGMP
Modbus protocol	Modbus RTU Master, TCP Modbus Master
Configuration	Web Config, Serial/IP Utility, IP Commands

Communication`

Transmit Protocol	Configurable TCP, HTTP, MQTT
Http Methods	Configurable GET/POST
Protocol Format	Configurable JSON/CSV Format
Device Configuration	Serial/IP Utility / Web/Server IP Commands
Polling Modes	RS485 RTU Modbus, TCP Modbus Master
OTA	IP Utility, Web Config, IP Commands
LoRa	Inbuilt LoRa, Enable Wireless RS485

Serial Specification
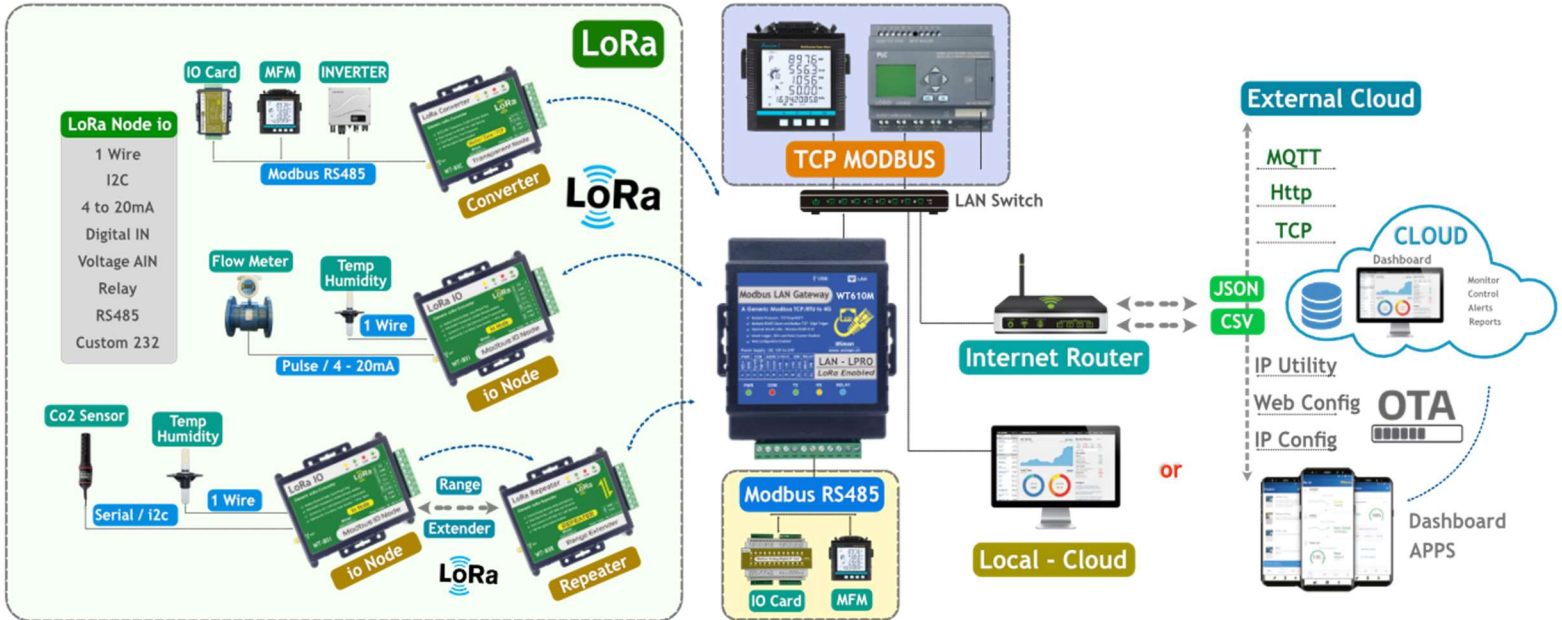
Electrical Standard	RS485, Optional - TTL or RS232
Configuration Port	TYPE C USB
Baud Rate	2400, 4800, 9600, 19200, 38400, 57600, 115200 bps

Interfaces

Power Supply	12V to 24V DC (Reverse Polarity Protection)
Input Port	2 Chanel (0 to 24V) Analog/Digital Voltage Input 2 Chanel (0 to 24V) Pure Digital Input 1 Chanel (4 to 20ma) Current Input 1 Chanel RELAY Output
LED Indicator	Power, IP, Modbus Communication Status
RS485 Port	Multiple Modbus Slave Device Connection
LAN Port	TCP Modbus Slaves and Event Transfer to Cloud
TYPE C USB	Device Configuration via Utility

General Specification

Connector LITE	Micro Fit-5.0 (8 pins – 2 Power/2 Modbus/3 IO)
Connector PRO/LPRO	Micro Fit-5.0 (12 pins – 2 Power/2 Modbus/8 IO)
Dimension	100mm x 85mm x 24mm (L x W x H)
Weight	160 grams
Operating Voltage	12V - 24V DC
Operating Temperature	Operating: -30C to +85C

*We pursue a policy of continuous research and product development, Specifications and features are subject to change without notice

Modbus IoT Gateway Series Available in.. **Stay Connected with Core Manufacture !**

GPRS | 4G LTE | 5G | NB-IoT | LoRa | Bluetooth | WiFi | CONVERTERS | ULTRA Low Power | Modbus i/o Cards

Manufacture | White Labeling | Competative Pricing | Product Customization

Get More Info.. | www.wiman.in | sales@wiman.in | 044-48536045