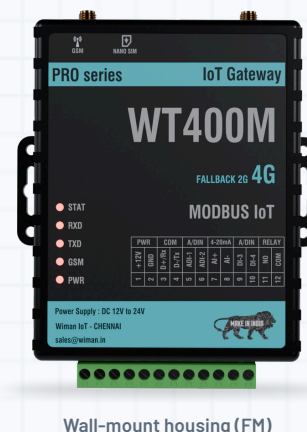


4G Gateways

LITE and PRO series

Connect Modbus meters, PLCs and sensors wherever there is mobile coverage. The gateway reads them, keeps the data through network outages and delivers it to your server or cloud platform.



LITE WT410DM

For one panel or a small site, reporting to one server.

32	1,800	1
Modbus devices	registers read	server

- 2 configurable inputs and a 4–20 mA input
- Up to 17,500 logs kept through outages
- 8 pluggable terminals

PRO WT400M

For larger sites: two servers at once and LoRa devices.

64	3,000	2
Modbus devices	registers read	servers at once

- 3 inputs, two 4–20 mA inputs and a relay output
- Up to 17,500 logs per server, 64 MB + 64 MB
- 12 pluggable terminals

What both series do

-  **Work on 4G, fall back to 2G**
LTE with 2G fallback; Asia and Europe band variants.
-  **Your server, your format**
TCP, HTTP or MQTT with SSL; JSON or CSV payloads.
-  **Configured from anywhere**
By SMS, server command or FTP; on site over USB-C.

-  **Keep data through outages**
Readings are stored and sent once the network returns.
-  **Read and write Modbus**
Scheduled, event or offline polling; remote writes.
-  **Updated over the air**
New firmware without a site visit, plus SMS alerts.

Where they work

Smart meter reading

Power monitoring

PLCs and automation

Pump and flow monitoring

Water and remote telemetry

Solar, wind and SCADA

Temperature and alarms

Cold storage and buildings

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LITE or PRO, side by side

A row across both columns is the same on both gateways; a split row shows where they differ.

LITE WT410DM		PRO WT400M
CELLULAR		
Network	4G LTE with 2G fallback · nano SIM inside (1.8 V / 3 V) · external antenna	
Bands, Asia variant	LTE-FDD B1/B3/B5/B8 · LTE-TDD B34/B38/B39/B40/B41 · GSM B3/B8	
Bands, Europe variant	LTE-FDD B1/B3/B5/B7/B8/B20/B28 · LTE-TDD B38/B40/B41 · GSM B2/B3/B5/B8	
SERVERS AND DATA		
Servers	One	Two at once, each with its own packet format
Protocols and format	TCP, HTTP (GET / POST) or MQTT, with SSL over 4G · JSON or CSV payloads	
Data logger	Up to 17,500 logs	Up to 17,500 logs per server, 64 MB + 64 MB
Polling	Scheduled, event-driven and offline	
MODBUS		
Serial port	RS-485 / RS-232 · 2,400 to 115,200 bps · 7 or 8 data bits · parity none, even or odd	
Devices	Up to 32 (RS-485)	Up to 64 (RS-485 and LoRa)
Registers read	Up to 1,800 words	Up to 3,000 words
Writes from the server	Raw Modbus frames (transparent) or JSON commands	
INPUTS AND OUTPUTS		
Configurable inputs	2 × 0–24 V: analog, digital or pulse (ADI-1, ADI-2)	1 × 0–24 V: analog, digital or pulse (ADI-1)
Digital inputs	–	2 × 0–24 V: digital or pulse (DI-3, DI-4)
Current inputs	1 × 4–20 mA	2 × 4–20 mA (CH1, CH2)
Relay output	–	1 × NO / COM
Edge triggers	Modbus write	Relay or Modbus write
SERVICE, POWER AND HOUSING		
Configuration	SMS, server commands or FTP; PC utility over USB-C · firmware updates over the air	
Monitoring	SMS alerts · local console for packets · LEDs PWR, GSM, TXD, RXD, STAT	
Supply	12–24 V DC, reverse-polarity protected	
Terminals	8, pluggable	12, pluggable
Mounting	One device for DIN rail or wall	DIN-rail (DM) or wall-mount (FM) housing

Terminals

LITE WT410DM

DIN rail or wall

POWER		SERIAL		INPUTS		4–20 MA	
+12–24V 1	GND 2	D+/Rx 3	D–/Tx 4	ADI-1 5	ADI-2 6	AI+ 7	AI– 8

PRO WT400M

Wall-mount housing (FM)

POWER		SERIAL		INPUT	4–20 MA			INPUTS		RELAY	
+12–24V 1	GND 2	D+/Rx 3	D–/Tx 4	ADI-1 5	CH2 6	CH1 7	AI– 8	DI-3 9	DI-4 10	NO 11	COM 12

PRO WT400M

DIN-rail housing (DM)

POWER		SERIAL		4–20 MA			INPUT	RELAY		INPUTS	
+12–24V 1	GND 2	D+/Rx 3	D–/Tx 4	AI– 5	CH1 6	CH2 7	ADI-1 8	NO 9	COM 10	DI-3 11	DI-4 12

AI– is the 4–20 mA return and is joined to GND; on the PRO it serves both channels, and CH1 is the AI+ terminal. The two PRO housings number their terminals differently; the label on each gateway shows its own order.

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Specifications may change without notice.
Wiring, commands and settings: see the user manuals.