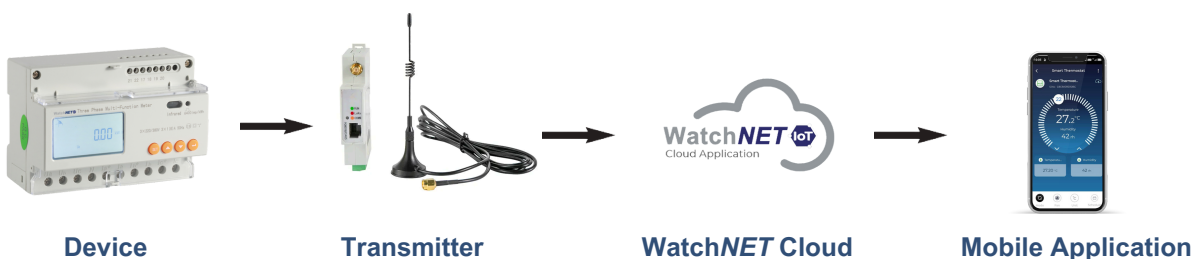# WatchNET IoT

CE FC RoHS

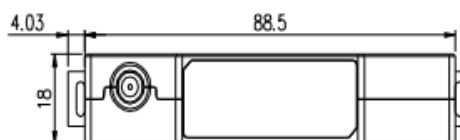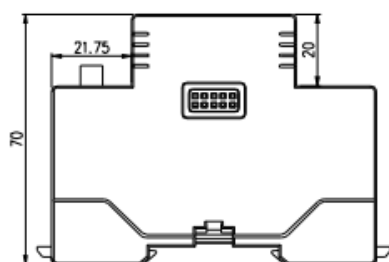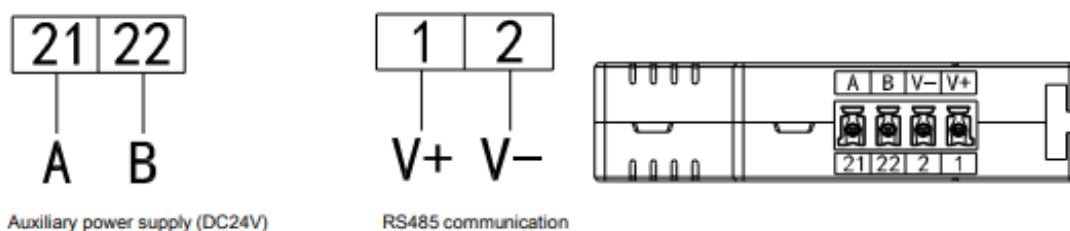**WLRE-GTW**

RS485 TO WIFI TRANSMITTER

WLRE-GTW wireless communication terminal is a new wireless data acquisition device. The up link communication includes WiFi. The down link interface provides a standard RS485 data interface, which can easily connect power meters and RTUs, PLC, industrial computers and other equipment, only need to complete the initial configuration, you can complete the data acquisition of MODBUS equipment; at the same time WLRE-GTW series wireless communication terminal uses a powerful micro-processing chip, with built-in watchdog technology, reliable performance stable.

KEY FEATURES

- WIFI Communication, RS485 Interface
- TCP / IP protocol; Transparent transmission, MQTT
- Power Supply: DC24V
- 35mm Din Rail Easy Installation

Device → **Transmitter** → **WatchNET Cloud** → **Mobile Application**

SPECIFICATION	
Work	support 2.4G frequency band WiFi rate: 115200bps
Downlink	RS485 Communication
Uplink	WiFi wireless
Working current	Static power consumption：≤1W，transient power consumption: ≤3W
Interface	50Ω/SMA（Faucet）
Serial port type	RS-485 Communication
Baud rate	4800bps、9600bps、19200bps、38400bps（Default 9600bps）
Operating Voltage	DC24V
Operating temperature	-10℃～55℃
Storage temperature	-40℃～85℃
Humidity range	0～95% Non-condensing

Auxiliary power supply (DC24V)

RS485 communication

*Actual signal range may vary depending on the environment.
*Battery life is determined by sensor reporting frequency and other variables.
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*All product specifications on this brochure are subject to change without notice.