

# JAS-M-Series Gateway



Smart Meter is bringing the flow of power into the heart of digital economy, thus offering various benefits not only for the government, but also for the house residents and utilities as well.

It not only measures the consumer's consumption.

It also enables and supports real and remote monitoring consumption without any unauthorized manipulation.

## Main Features

---

- Simple and easy installation
- Accurate and real-time monitoring of data on energy, currents, power, voltage, and power factor (with error tolerance less than 1%)
- Optimization of energy consumption on a daily, weekly, and monthly basis
- Supports billing services for payment
- Real-time data and historical data query, alarm event query
- Ability to generate statistics, settlement, and various of graphics and reports according to time and users under customer's request
- Remote switch according to specific conditions
- Anti-theft electricity alarm
- When power is off, it sends automatically last SOS messages to platform including: Power off event, time, and device ID.



*Smarter, Safer, Greener*

## Main Features

- Fully customized to read data from different meters types & protocols: RS485, Mbus, WMbus, digital impulse, Euridis ...
- Support flexible communication modules: GPRS, 3G, 4G & NB-10T
- Flexible & customize to suit different source of power-12 V, 24 V, 220 V or long term lithium battery up to 10 years
- Built-in integrated power converter — 12 V, 24V, 220 V for an easy installation and operation
- Customize backup battery to be define as per number of connected devices & number of reading.
- Support of device control: relay-Electric meter, Valve-Water meter

## Brief Product Specifications

Ethernet port	Yes, 1
Supported Protocols	RS485, Mbus, WMbus, impulse, Euridis ...
Support of Physical connector	Yes, type defined as per supported protocol
Tamper Protection	Yes
Operating Humidity	Up to 95% RH
Power Consumption	10W
Support for 32 Meters	Yes
Work Temperature	-40 to 85 deg C
Protection grade	IP65
Operating power supply	24VDC
Security mechanism & encryption	AES128, AES256 or a customize security level
Country of origin	EU
Support of internal memory	Yes, size to be define as per requirement
Firmware upgrade	Yes

