



Turnkey Solutions LoRaWAN Smart Energy Monitoring Kit TS0012-5-868MHz

PROACTIVE ENERGY MONITORING FOR SMARTER FACILITIES

Whether you're managing energy across buildings, monitoring HVAC systems, or tracking appliance-level usage, IAconnects offers a flexible range of **LoRaWAN-enabled sensors** and smart meters designed to help you **cut costs, reduce carbon, and optimise performance.**

All devices integrate seamlessly with your preferred IoT platform and provide real-time insights through the IAconnects visualisation and reporting tools.

WHAT'S IN THE KIT

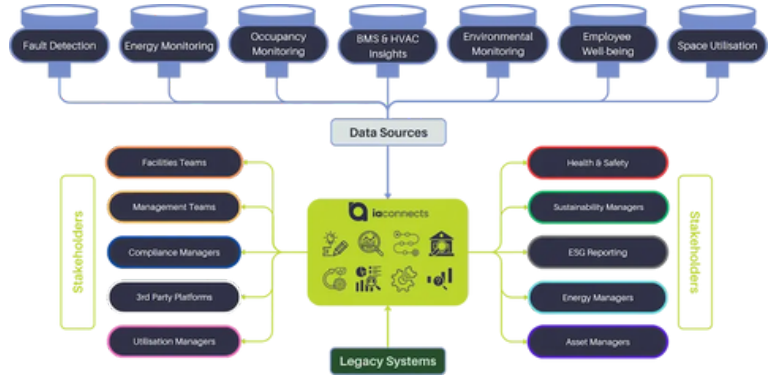
- 3 Phase Current Meter (SEN482 – 250A with 3x CT Clamps)
- 16A Smart Switch & Energy Meter (MC-LW-16ASPM-01)
- Wireless Thermostat (MC-LW-WT-01)
- Fan Coil Thermostat (MC-LW-FCT)
- Smart Plug Socket (WS523-868M-13A-UK)

SYSTEM HIGHLIGHTS

- **Clamp-on metering** – 3-phase energy tracking with no disruption to supply
- **Smart switching** – remote control, scheduling, and load optimisation
- **Wireless thermostats** – battery-free or mains-powered options with PIR, humidity, and temperature sensing
- **Plug & play monitoring** – smart sockets with real-time usage data and remote control
- **Seamless integration** – open protocol devices work with any standard LoRaWAN network and dashboard



- LoRaWAN Gateway
- Visualisation & Reporting Platform
- Configuration & Setup Service
- 12-Month Monitoring Package
- **+** Optional Add-ons:
 - Cellular (Off-Network) Gateway
 - Additional Sensors or Meters
 - Custom Integrations



HOW IT WORKS

Each device transmits real-time energy data securely via LoRaWAN to the IAconnects platform.

Depending on your selected devices, the system can:

- Monitor and record current, voltage, consumption, and load
 - Trigger alerts or automate switching to reduce wasted energy
 - Optimise HVAC, plug loads, and space heating through smart thermostats
 - Provide clear insight into building-wide energy usage from a single dashboard

CONFIGURATION & SET UP

We pre-configure each device to your specification for fast installation.

Whether monitoring a single circuit or managing a multisite rollout, we ensure seamless deployment and integration. Includes:

- Real-time dashboards and automated alerts
- Historical reporting for energy audits and optimisation
- 12 months of updates, maintenance, and health checks

VISUALISATION & MONITORING

Our web-based IoT platform turns sensor data into actionable insights using:

- Dashboards with live status updates
- Automated email alerts
- System health monitoring
- Historical data reporting for trend analysis and compliance

Includes 12 months of cloud service, firmware updates, and proactive system health checks.

GET STARTED

Smarter energy monitoring starts here.

Contact our team today for pricing, demos, or technical specifications.

