

Building & Facility Retrofit Monitoring Hardware

Metering, leak, pump-room and gateway hardware for ESCOs, MEP contractors, panel builders and BMS integrators.

WHAT YOU CAN MONITOR

- Add sub-metering to existing panels
- Collect pump-room, water-tank and sump signals
- Add leak and high-level alarm inputs

EQUIPMENT OPTIONS

Energy Data Acquisition Kit

- Energy meter and split-core CT selected for the circuit
- RS485/Modbus data collection
- Protocol or cellular gateway where required

Pump Room & Leak Kit

- RTU, remote I/O or gateway
- Leak, high-level or non-contact level sensor
- Pump run/current/fault inputs

INTERFACES AND DATA HANDOFF

- Modbus RTU/TCP, BACnet, digital input and 4-20 mA may be supported depending on exact hardware
- Existing BMS/SCADA point list and polling method must be reviewed
- Confirm protocol and version support for the selected gateway

Example data path - select the interfaces and radio for the ordered model

Meter / leak inputs



Gateway / remote I/O



Ethernet or cellular



Existing BMS / SCADA

INSTALLATION AND MEASUREMENT LIMITS

Complete BMS design and local installation require an agreed scope | Energy savings and compliance depend on the site and applicable requirements | Confirm local legal metering requirements separately



**DIN-Rail Three-Phase
Energy Meter**



**RS485 to Ethernet
Gateway / Serial Server**

Representative product families. Confirm the exact model and configuration before ordering.

SEND US THESE SITE DETAILS

- Facility type and country
- Monitoring objective
- Meter count, circuits, phase, voltage and current
- CT and panel constraints
- Existing meter/sensor register maps
- BMS/SCADA/cloud and required protocol