



Metering Dynamics SmartHub 2

intelligent.



features & benefits

- BMS integration allows the easy extraction of smart meter data such as kWh, volts, amps, and power factor
- SmartHubs can be daisy chained together to form a single network (up to 32 devices can be supported in a single network)
- Robust communications to BMS using RS485 communications. BMS can be up to 1200 meters from the SmartHub network (dependent on installation configuration)
- Easy set-up and integration as MODBUS addressing can be configured on site (no tools needed)
- Diagnostic tools are available to test the complete installation
- No external power required - can be powered directly from the meter
- Supplied with connecting cables
- Using the MD Access point (with internal modem) the meter data can be accessed remotely
- There are a number of installation options, dependent on your data needs and set-up preference;
 - BMS only
 - Single modem shared between connected meters for remote meter reading (requires Metering Dynamics Access Point v2*)
 - Modem per meter for remote meter reading

suitability

- Especially beneficial to customers who have BMS on site but would also like to see data in alternate systems such as InfoDynamics, EMP Multi Plus and ActiveDash
- Suitable for sites which want to reduce the number of modems or cabling required
- Compatible with EDMl Atlas meters - Electricity only

Metering Dynamics' SmartHub 2 provides Building Management Systems (BMS) direct access to data held in smart electricity meters.

Up to 32 SmartHubs can be networked to enable a single RS485 connection to a BMS (up to 1200 meters away).

If required a daily interval data feed via remote comms is also available.

To find out what Metering Dynamics can do for your business, contact us:

Call 1300 792 611

Email sales@meteringdynamics.com.au

Visit www.meteringdynamics.com.au

technical specifications

Item	Description
Dimensions	52mm (H) x 72mm (W) x 30mm (D)
Weight	Approximately 200 grams
Max Cable Length	In accordance with RS485 Specification
Channels	2
Meter Compatibility	EDMI Atlas range of meters
Modem Compatibility	Modem (when required) needs GSM coverage
BMS Integration	Protocol: MODBUS RTU, 9600 baudrate MODBUS Addressing: MODBUS address is set-up on SmartHub on installation - all SmartHub required to have unique MODBUS address
Maximum Network	Up to 32 SmartHubs can be connected to the same network
Cable Requirements	CAT5E
Power Requirements	Additional power supply not required, as power is sourced from the existing meters <ul style="list-style-type: none">BMS Only: SmartHub are powered by the meterSingle Access Point: The Access Point v2 is powered by the closest meter

*The Access Point v2 is a packaged SmartHub and modem which acts as the connection point for remote communications for daily interval data.

installation example

