



SIP2 the next step in simple, low cost meter interfacing and data capture solutions.

SIP2 from Synapsys Solutions is a new hardware platform designed to provide an easy-to-use, low cost field-bus, metering, plant interface and or data capture solution.

The SIP2 hardware platform comes as standard with built in M-Bus, ModBus, Power over Ethernet (PoE) and a digital input/pulse counter. The small footprint of the hardware makes it perfect for residential applications with the inclusion of PoE for when a standard power source is not an option.

The multi-protocol hardware supports a maximum of four drivers per device (one instance of each driver), those drivers can include MQTT, REST, Synapsys vIQ and BIC and many more. The SIP2 also enables meter data to be passed to BMS AND Energy Monitoring Systems independently. The hardware is available in 100, 300 and 600 point variants ensuring users don't have to pay for more points than they require.

Select the drivers you require

SIP2 is a multi-protocol hardware platform and supports a maximum of four drivers per device, chosen by the engineer or end user. Drivers available include:

- MQTT
- REST Server
- Synapsys vIQ
- Synapsys BIC
- Data Acquisition
- ModBus
- M-Bus
- Digital input / Pulse counter

Synapsys Virtual IQ

Our SIP2 solutions have Virtual IQ (vIQ) software included that enables the SIP2 device to sit straight onto the Trend network. Each third party device interfaced can then be presented as if it were a Trend controller. Additionally, each value transferred is provided as a standard Trend module - sensor, knob, switch and digital input and have the full compliment of functionality such as labels, alarms and plots.

Synapsys BACnet Integration Controller

SIP2 is a multi-protocol hardware device and also includes our latest BACnet Integration Controller (BIC). BIC's present third party devices as BACnet devices, with values transferred as BACnet object types, with Notification Class and Trendlog functionality.

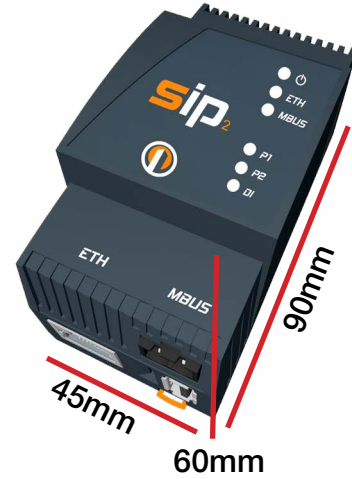


SIP2 hardware at a glance

- Multi-protocol hardware platform
- Ideal for meter interfacing
- Reliable data capture platform
- Enables meter data to be passed to both BMS AND Energy Monitoring Systems
- Built in M-Bus (up to 60 unit loads)
- Power over Ethernet (PoE)
- MQTT and REST compatible
- Digital input / Pulse counter
- Easy to install and commission
- No ongoing licences or maintenance fees
- Comprehensive technical support
- Simple web based configuration
- SIPEasy file compatible for easy commissioning
- No need for specialist tools or software
- Low cost

SIP2 hardware features

- Available in 100, 300, 600 point variants
- Small footprint
- LED's for power, Bus activity, Health and Comms
- 1 x RS485 connection
- 1 x RS232 connection
- 1 x M-Bus protocol (up to 60 unit loads)
- 1 x Digital Input / Pulse counter
- Power over Ethernet (PoE)
- DIN rail mounting



Commissioning and support

As with all Synapsys products and software solutions, Our SIP2 hardware devices have been designed to be simple to deploy and use.

Our Commissioning engineers, Software and Technical support teams are available to support installation and set-up, right through to handover to the end user.

We also provide customers with access to our SIP Integrator support website, which contains all of our technical data sheets and information about our latest technical updates.

Through our SIP Integrator support website we also give customers access to our catalogue of free SIPeasy files which simplify the commissioning and configuration of our products, saving you time and money.

SIPeasy pre-characterised files are available for a wide range of third party network devices, which are easily searched and downloaded for free from the SIP Integrator site.



For more information about Synapsys and our product range please visit www.synapsys-solutions.com.

Alternatively to speak with one of our team in more detail or to arrange a demonstration of our products and solutions, please contact us on **01444 246 128** and we will be happy to discuss your requirements.