

# SIPslice LoRa

## LoRaWAN device integration made simple

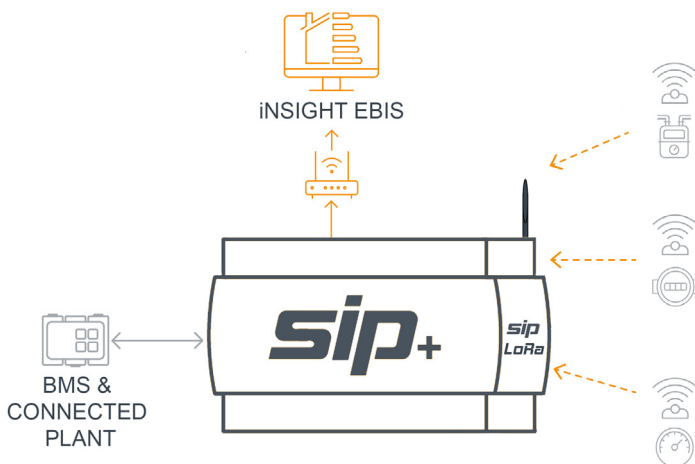
### Overview

The Synapsys SIPslice LoRa has been developed to provide a simple and efficient way of interfacing third party LoRaWAN devices, such as Heat, Gas, Water, Electricity meters, Sensors or Pulse counters for integration to third party systems, including BMS/IoT/SCADA via the SIP+ product range.

Designed for receiving data from LoRaWAN devices utilising the LoRaWAN network.

Installed with a SIP+ via the DIN Rail connector, which provides power and communications between the SIP+ and the installed SIPslice LoRa device. The SIP+ requires the LoRa driver, which includes decoders to read a predetermined list of available devices, with the functionality to add more LoRaWAN compatible devices as required. This is done by selecting a suitable licence for your application when ordering.

The SIPslice LoRa is not compatible with third party gateway products or application servers, and does not support an independent Power supply. Maximum of one SIPslice LoRa device per SIP+.



### Key features:

- Enables communication from LoRaWAN enabled devices to Synapsys SIP+ devices.
- Compatible with a large range of LoRaWAN enabled products such as meters, sensors, plant, etc.
- Eliminates field wiring from the BMS panel to the device saving time and money on installations.
- Set up and commissioning is simple, saving you additional time.
- No cloud network or application servers are required.
- Supports 8 channels via Europe's (868MHz) frequency.
- Small footprint with din rail mounting.
- Standard antenna included with option to purchase a high performance antenna and 10M cable.

### SIPslice LoRa product range

Part No.	Description
SYN+/LORA/CONV	SIPslice LoRa device for use with a SIP+ to integrate LoRaWAN enabled devices.
LORA/3/LICENCE	Pre-loaded onto SIP+ Hardware as standard - Enabling up to 3 LoRaWAN device connections.
LORA/25/LICENCE	Licence upgrade for a SIP+ device which enables up to 25 LoRaWAN device connections. To be used in conjunction with a SYN+/LORA/Conv.
LORA/75/LICENCE	Licence upgrade for a SIP+ device which enables up to 75 LoRaWAN device connections. To be used in conjunction with a SYN+/LORA/Conv.
LORA/150/LICENCE	Licence upgrade for a SIP+ device which enables up to 150 LoRaWAN device connections. To be used in conjunction with a SYN+/LORA/Conv.

### Want to know more?

If you would like to know more or have any questions about our SIPslice LoRa device and its capabilities, please contact your local Synapsys Account Manager, call us on **01444 246 128** or email us at [enquiries@synapsys-solutions.com](mailto:enquiries@synapsys-solutions.com).

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