

# S-2CONNECT Hub



## SPEED TO CONNECT

### Features:

- Global coverage
- Long battery life
- Slim design
- LTE Cat M1 / NB-IoT
- 2G Fallback
- GNSS
- Bluetooth low energy
- Temperature and humidity sensors

### Markets:

- Asset tracking
- Smart home
- Cold chain
- Industrial IoT



### Description:

S-2CONNECT Hub is the ultimate smart hub using the latest GNSS and LTE technology. The device provides real-time positioning data using GNSS and transmit the data over LTE Cat M1 or NB-IoT with 2G-fallback for global coverage. The device can be used as an asset tracker, smart home gateway and/or industrial smart hub.

<b>Communication</b>	GNSS Cellular Modem Bluetooth GNSS Antenna Cellular Antenna BLE Antenna	Quectel L76-L Quectel BG96 BLE v4.2, compliant v5 Internal Internal Internal
<b>Frequency Bands</b>	LTE 2G GNSS BLE	1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 28, 39 2, 3, 5, 8 GPS/GLONASS/QZSS 2.4 GHz
<b>Electrical Properties</b>	Battery Processor Memory/storage Battery Life	3.7V 6500mAh Li-Ion ARM 32-Bit STM32L4 16MB QSPI Flash Up to 12 months
<b>Interface/Connectors</b>	Virtual COM port	USB Micro
<b>Sensors Accuracy</b>	Temperature Humidity Accelerometer	-30°C to +85°C (+/-0.3°C) 0 - 100% Rh (+/-2% Rh) +/-2g (+/-2mg/LSB)
<b>Mechanical Properties</b>	Enclosure Outer Dimensions Weight Operating Temperature LED's	IP65 155mm x 65mm x 20mm 197g -30°C to +60°C (battery charging 0°C to +45°C) 4 multi-colour LEDs
<b>Software Properties</b>	Firmware protocols	Zephyr RTOS, Customized data packets to server