

SOLIDSENSE Gateway

Industrial MESH Gateway



BENEFITS

- Long communication range of the radio units thanks to Mesh network
- 2 built-in Wirepass2.4 GHz radio
- Easy to deploy
- Ethernet, WIFI connection and LTE (3G)
- Autonomous operation
- Industrial gateway



TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	2.4GHz Wirepas Mesh (2 built-in radio units)
Transmission power	Up to +4 dBm (Adjustable value)
Range	Up to 100 meters in open field
Max power	1.5 A at+12 VDC
Network	Ethernet RJ45 10/100/1000 (max 470 MB/s) WiFi Wirepas MESH(2.4 GHz)
	Option reference SCIBT106: LTE Cat 4 EU + GPS (with fallback on 3G/2G) LTE Cat 4 US + GPS (with fallback on 3G) LTE Cat 4 AU/LAT + GPS (with fallback on 3G) LTE Cat M1 EU/US + GPS
Connectivity	4 x USB 2.0 1 x HDMI 1 x MicroSD 1 x Physical SIM
Configuration	Configuration withKura WEB UI
LED indicator	RED LED indication PWR ON
OS	Debian GNU / Linux
Software	Wirepas data stream directed upon a Mqtt broker Messages available on Mqtt topicsProtobuf data encapsulation

BATTERY

Power supply +5.1 VDC via micro USB connector

CERTIFICATIONS

Europe CE : EN 300 328/ EN 300 330/ EN 301 489 & EN 55032 / EN 62368-1

USA FCC : FCC PART 15

HOUSING

Dimensions 120mmx80mmx30mm

Weight 324.1g

Materials Extruded aluminum, 5 x SMA (2.4GHz x 3, LTE, GPS)

Operating temperature -45°C to +85°C

ACCESSORIES

+12VDC External power supply
2 2.4 GHz antennas
Option reference SCIBT106:1 LTE 3G antenna