LORIX *One*
EU 868

EXCELLENT PRICE/QUALITY RATIO
LoRaWAN™ GATEWAY

Waterproof N connector

10/100Mbps ethernet Passive PoE 24V

Config/factory reset

Status LED

USB debug serial

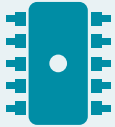**Storage extension SD-CARD**

Passive PoE 24V DC
IP43 and IP65 versions
Quick and easy to deploy
-30 to +55°C

MAIN SYSTEM

CPU—ARM® Cortex-A5™ 600mhz

RAM—128MB DDR2 200Mhz

NAND—512MB flash with PMECC

OS/SOFTWARE

Yocto Linux 4.4

Base configuration and factory reset

Prebuilt with:
- SSH Server
- Python
- LORIOT cloud app
- The Things Network cloud app
- Semtech Packet-forwarder

CONNECTIVITY

Ethernet 10/100Mbps with passive PoE 24VDC

Permits to bring power and data with only one cable

SD-Card Slot to extend/replace the internal flash

USB connector providing serial interface to manage/update the gateway

LORA/RF SYSTEM

SX1301 gateway chip SPI based

8channels,
49 demodulators @ 868MHz

RX sensitivity:
-140dBm (LoRa)/-110 dBm (FSK)

TX power: 27dBm

DIMENSIONS

IP43

IP65

45 (1.77)

198 (7.80)

Dimensions: mm (inch)

WORKS WITH

Outdoor IP65 500mm (19,68 inches) antenna @ 4.15dBi

Indoor 200mm (7,87 inches) inclinable antenna @ 2dBi

In collaboration for the software with

LORIOT

WIFX · LoRa Alliance Member · LORIX *One*

The information in this document is subject to change without notice and should not be construed as a commitment by Wifx Sàrl assumes no responsibility for any errors that may appear in this document.