LORIX One
US 915

EXCELLENT PRICE/QUALITY RATIO
LoRaWAN™ GATEWAY

Waterproof N connector

10/100Mbps ethernet
Passive PoE 24V

Config/factory reset

Status LED

USB debug serial
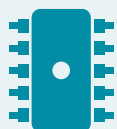
Storage extension
SD-CARD

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 @ 915MHz

RX sensitivity: -135dBm (LoRa)

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

WIFX

LoRa Alliance Member

LORIX One