LORIX One
US 915

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

Ethernet 10/100Mbps
Passive PoE 24VDC

Config / factory reset

Waterproof N connector

Status LED

USB Debug Serial

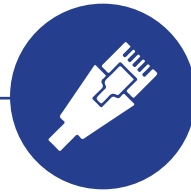Storage Extension SD Card
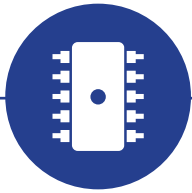
MAIN SYSTEM

CPU - ARM® Cortex-A5™ 600mhz

RAM - 128MB DDR2 200Mhz

NAND - 256MB flash with PMECC
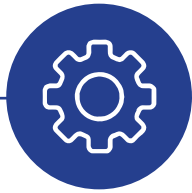
OS / SOFTWARE

Linux Yocto 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

8 channels,
49 demodulators @ 915MHz

RX sensitivity: -135dBm (LoRa)

TX power: 27dBm

DIMENSIONS

IP43

IP65

45 (1.77)

45 (1.77)

198 (7.80)
Dimensions: mm (inch)
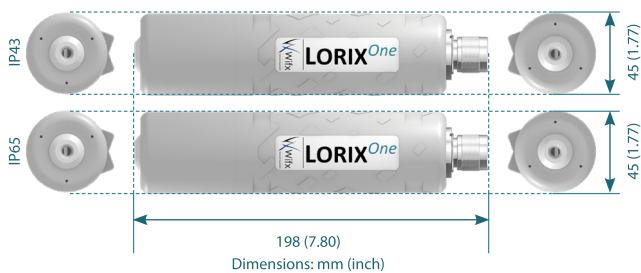
WORKS WITH

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

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

LORIX One

made by

Wifx
Network Specialist

In collaboration for the software with

LORIOT