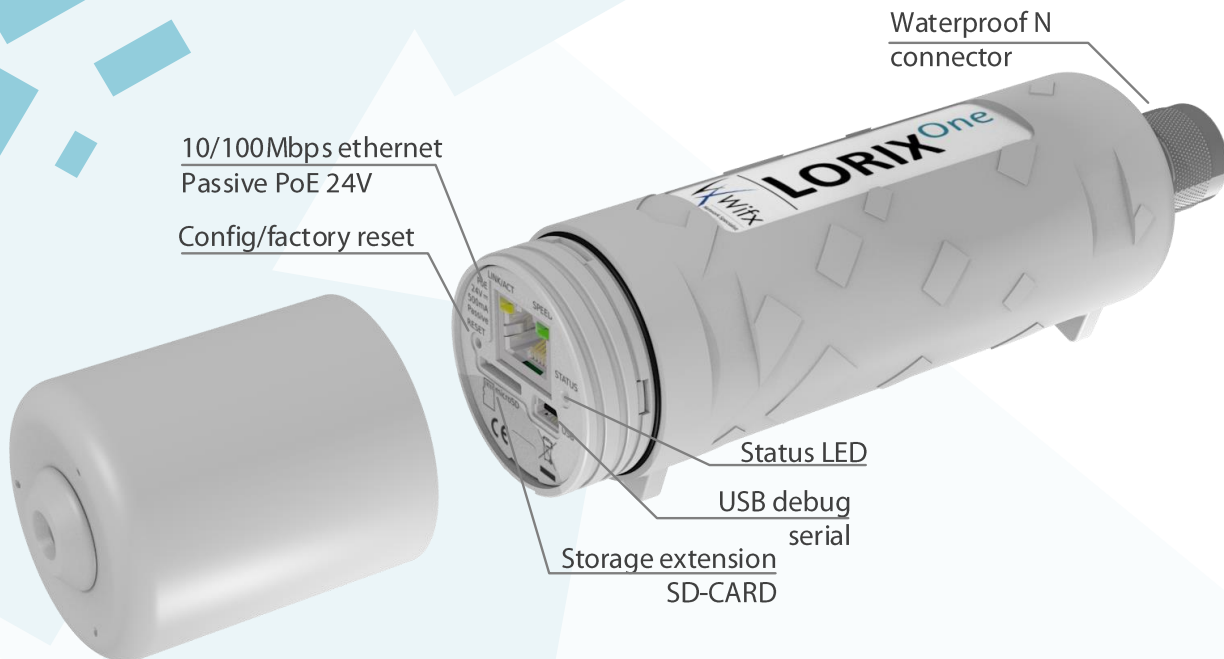


LORIX^{One}

EXCELLENT PRICE/QUALITY RATIO LORAWAN™ GATEWAY

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



MAIN SYSTEM

- CPU ARM® Cortex™-A5 600MHz
- RAM 128MBytes DDR2 200MHz
- NAND 256MBytes flash with PMECC

OS/SOFTWARE

- Linux Yocto 4.4
- Base configuration and factory reset
- Prebuilt with:
 - SSH server
 - Python
 - LORIOT cloud app
 - The Thing Network cloud app
 - Semtech packet-forwarder
- Toolchain/sources completely open

WORKS WITH



Indoor 20cm inclinable antenna @ 2dBi



Outdoor IP65 50cm antenna @ 4.15dBi

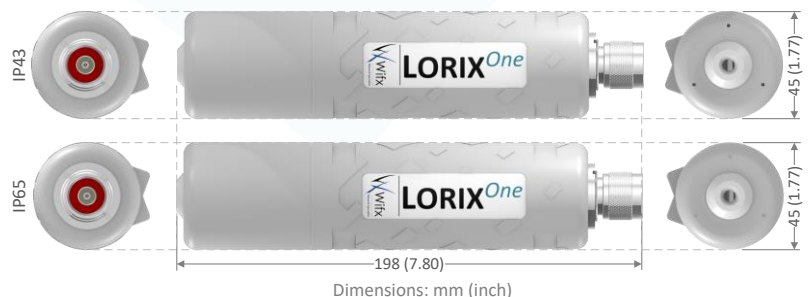
CONNECTIVITY

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 @ 868MHz
RX sensitivity: -140dBm (LoRa) / -110dBm (FSK)
TX power: 27dBm

DIMENSIONS



LORIX^{One}

made by



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in collaboration for the software with

