LORIX One EU 868

EXCELLENT PRICE/QUALITY RATIO
LoRaWAN™ GATEWAY

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
8 channels, 49 demodulators @ 868MHz
RX sensitivity: -140dBm (LoRa)-110 dBm (FSK)
TX power: 27dBm

DIMENSIONS
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

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