

mod.

# LORA-ANT-01

Gateway LoRaWAN

## ENG

### Description

- 24VDC passive PoE
- IP65
- Fast and easy setup
- -30 to +55°C



### Technical features

MAIN SYSTEM	CPU-ARM Cortex-A5 600 MHz RAM-128 MB DDR2 200 MHz NAND-512 MB flash with PMECC
OS / SOFTWARE	<b>Linux Yocto 4.4</b> base configuration and factory reset  <b>Prebuilt with:</b> <ul style="list-style-type: none"><li>- SSH Server</li><li>- TTN cloud client</li><li>- LORIoT cloud client</li><li>- LoRa Basics™ Station</li><li>- Toolchain/sources completely open</li><li>- Semtech packet forwarder</li><li>- ChirpStack Gateway Bridge</li></ul>
CONNECTIVITY	Ethernet 10/100Mbps with passive PoE 24VDC, permits to bring power and data with only 1 cable USB connector providing serial interface to manage/update the gateway SD-CARD Slot to extend/replace the internal flash
LORA / RF SISTEM	SX1301 as LoRa™ RF system kernel - Semtech approved <b>EU863-870MHz version (EU868)</b> <ul style="list-style-type: none"><li>- 8 channels, 49 demodulators 863-870MHz</li><li>- RX Sensitivity: -140dBm</li><li>- TX Power: 27dBm</li></ul>

### Dimensions: mm (inches)

