

LoRa Wireless Gateway, RS485, Modbus, 5 Digital Input, 5 Digital output

FEATURES

Outdoor gateway

Protocol LoRa (not LoRaWAN)

Frequency range 410-525 MHz / 862-1020 MHz
(depending on local regulation)

Sensitivity Up to -136 dBm @ SF=7 / 10.4 kHz
bandwidth

RF power Max. 2 W

Interface RS-485 × 1 / Analogue or Digital Input ×
5 / Digital Output × 5

Serial Baud Rate 1200-230 400 bps

Encryption AES-128 / AES-256

Analog Input 0-10 V / 0-20 mA / 4-20 mA / ADC
(0-10 V)

Digital Input High/Low signal rating

Digital Output PWM / Latch mode

Topology types Broadcast / Group / Peer-to-Peer

lestariautomation.com

Material Flame retardant

Dimensions 10 × 10 × 4.8 cm (without antenna and
external connections)

Weight 250g

IP rating IP68

Operating temperature -40°C to 85°C

Input supply 12-36 V DC / 1 A

Output supply Main port: 10 V DC / 100 mA;

AUX2-AUX5: 10 V DC / 50 mA

Power consumption Receiving: 24 V 15 mA
@868/920 MHz, Sending: 24 V 400 mA @868/920
MHz (2 W)

With set of 2 transparent RS485 transmission
(NOTE not for Digital I/O and Analog I/O)

