

Industrial LoRa Wireless Gateway with RS-485 MODBUS RTU and analog/digital I/O

FEATURES

- Long-range LoRa wireless communication (non-LoRaWAN)
- RS-485 MODBUS RTU protocol
- 1x Analog input 0-10V / 0-20mA / 4-20mA / ADC (0-10V)
- 1x Analog output sync-capable
- 1x Digital Input High/Low signal detection
- 1x Digital Output Supports PWM / Latch mode
- AES-128/256 encrypted transmission
- Rugged IP68-rated waterproof housing
- Wide -40°C to 85°C operating temperature
- Ideal for industrial, agricultural, and environmental IoT
- Low power for remote or battery-powered deployments



**Analog In
Analog Out**



SPECIFICATIONS

Serial	:	RS-485 Protocol MODBUS RTU
Operating Temp.	:	-40°C to 85°C
AES Kryptering	:	AES-128 / AES-256
Baudrate	:	1200 - 230400 bps
Frekvens	:	410-525 MHz / 862-1020 MHz (region-dependent)
Ind- og udgange	:	Analog Input 0-10V / 0-20mA / 4-20mA / ADC (0-10V) Analog Output Matched analog output (voltage/current), sync-capable Digital Input High/Low signal detection Digital Output PWM / Latch Mode
Interface	:	RS-485 x1, Analog Input x1, Analog Output x1, Digital Input x1, Digital Output x1
Protokol	:	LoRa (Non-LoRaWAN)
Strømforbrug	:	24V 15mA (receive), 24V 400mA (transmit @ 2W)
Strømforsyning	:	12V - 36V DC / 1A
Dimensioner	:	10 x 10 x 4.8 cm (excluding antenna/connectors)

