

ModbusLoRa AI Specifications

LoRa Main Chip

LoRa Transmission : Semtech SX1272

Soc : Cortex® -M0

Memory: Flash 128K

Frequency: 862~932MHz

Frequency Accuracy: ±10KHz

Modulation: LoRa

Transmit Power: 2~+20dBm

Data Rate: 0.244~18.2Kbps(LoRa)

High Sensitivity: down to -137dBm

Communication Distance: 2~5Km

Antenna Impedance: 50ohm

Analog Main Chip

CPU : 8-bit CPU

RAM : 64K bytes SRAM

ROM : 256K bytes Flash ROM

Memory: Flash 128K

4~20 mA * 2 Channels

0~10V * 2 Channels

16 bits resolution

Power Source

Supply Voltage: +9~24VDC Terminal Block

Power Consumption

Standby: 12V, 6.97mA

24V, 4.03mA

Transmission: 12V,41.95mA

24V,21.73mA

Environment

Operating Temperature: -10°C~60°C

Mechanism

Dimensions: W*H*D: 27*89*68 (mm)

Weight: 100 ±5g