


LoRaWAN End Nodes




LoRa Sensor Node
STM32L072CZT6 MCU
Waterproof Sensor Node
Battery Powered




LoRa Sensor Node V2
STM32L072CZT6 MCU
18 x Digital I/Os
Software base on STM32Cube HAL drivers




LoRaWAN I/O Controller
STM32L072CZT6 MCU
SX1276/78 LoRa Wireless Chip
Optional Customized LoRa Protocol



LoRaWAN Sensor Node
3200 set sensor record with time stamp
Temperature & Humidity Monitoring



ModBus to LoRaWAN Converter
Remote configure parameters via LoRa Downlink
Support modbus protocol devices



LoRaWAN GPS Tracker
LoRaWAN 1.0.3 compliant
Motion sensing capability
Regular/ Real-time GPS tracking

LoRa & LoRaWAN Gateways



Single Channel Gateway (Indoor&Outdoor)
Open Source Open Wrt




Dual Channel Gateway (Indoor&Outdoor)
LoRaWAN IoT Gateway.



Multi Channel Gateway
Open Source
Open Wrt

LoRa Modules



LoRaST Module
Open Source Long Range
Wireless LoRa Transceiver
Ultra Low Power Consumption



LoRaWAN Module with Built in MCU
Long Range Transceiver
High Stability
High Sensitivity



LoRa Development board
Long Range Transceiver Module with MCU
with USB and pin socket to easy program and connect to sensors



LoRa Wireless & GPS Shield for Arduino & Raspberry pi



LoRaWAN GPS Concentrator
GPS Module to provide Timestamp and Location info



LoRa IoT KIT
1 LoRa Shield,
1 GPS Shield,
1 LoRa Gateway,
Various Sensors

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LoRaWAN End Nodes



LoRaWAN Sensor Node

Temperature & Humidity Monitoring,
IP65 rating waterproof,
5-Year battery life.



LoRaWAN Sensor Node

Multiple interfaces including serial and I/O,
Multiple power supply option:
battery, DC or solar

LoRa-Based Remote I/O Controller



2 digital inputs,
2 relay drivable outputs,
Support star network and mesh network

LoRaWAN Datalogger



2 analog inputs for data acquisition,
Support for 4–20 mA analog devices,
Analog to digital conversion.

Modbus to LoRaWAN Converter



Offer serial interface with 1 RS232 and 1 RS485
Collects data from Modbus slave device

LoRaWAN Gateways



LoRaWAN Gateway (Outdoor)

8 or 16 Simultaneous channels optional,
Embedded Network Server and MQTT transmission,
Support GPS for high-precision time synchronization.



LoRaWAN Gateway (Indoor)

Up to 8 Simultaneous channels,
Build-in DI/DO, Serial Port and GPS,
Embedded Network Server.

LoRaWAN Agricultural Kit



LoRaWAN Gateway
LoRaWAN Temperature and Humidity Sensor
LoRaWAN Sensor Node
Light Sensor
Soil Temperature and Moisture Sensor
Soil NPK (Nitrogen, Phosphorus, and Potassium) Sensor

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