



LoRa WiFi Temperature/Humidity Monitoring System – Gateway

- Backup battery for emergency use
- 100pcs sensor tags could be recognised at a time
- Easy USB configuration
- Temperature and humidity alarm notification
- Low battery level notification
- LAN/WIFI transmission mode supporting
- LED light indication for different status
- Communication distance between receiver and sensor up to 5km



Specifications

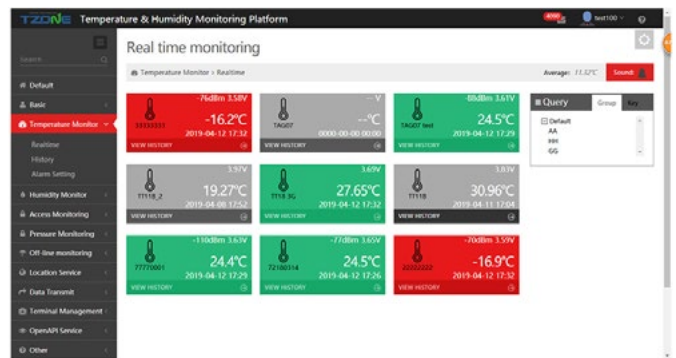
Dimensions / Weight	112mm x 105mm x 27mm / 270g
Battery / Power Supply	Built-in 3.7V/850mAh (rechargeable) / 12V
Battery Life	Up to 3 years
Operating Temperature / Humidity	-20°C ~ +60°C / 5%RH ~ 95%RH (non-condensing)
RF Frequency	433/470/868/915MHz (optional)
Modulation / Distance	LoRa (Long Range) / Up to 5km
Interface	LAN / WiFi
Transmit Interval	10s - 6000s (user definable)
Receiving Sensitivity	-148dBm
Low Voltage/Temperature Alarm	Yes (user defined)



Monitoring Features



Homepage



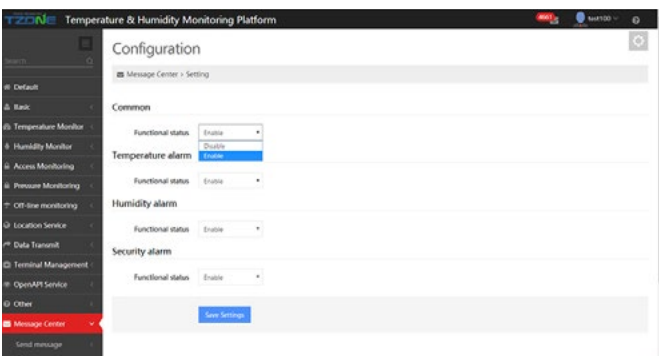
Real-time monitoring



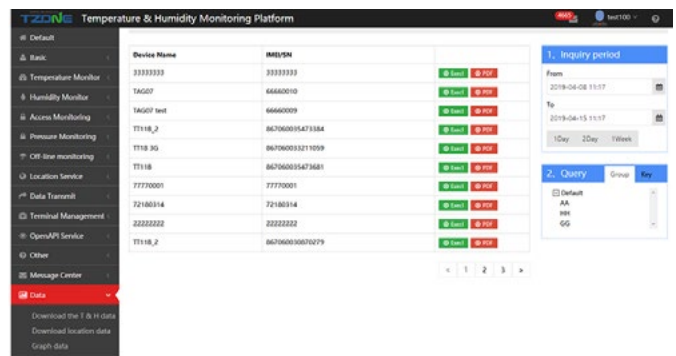
History Records



History Records



Alarm Setting

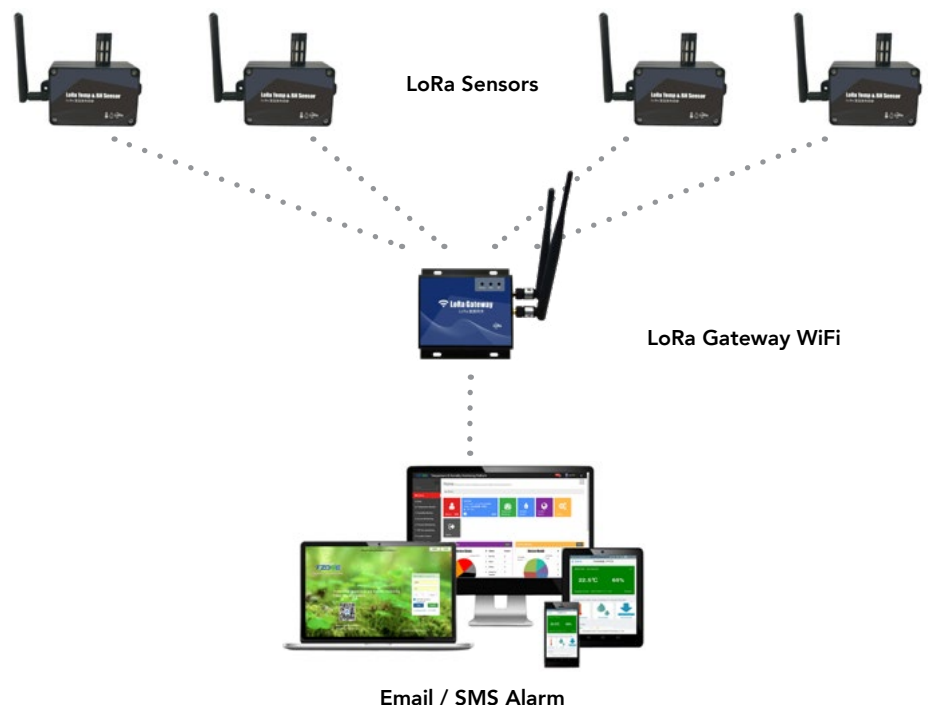


Download Data



LoRa WiFi Temperature/Humidity Monitoring System – Sensor

- High precision temperature and humidity sensor
- Battery life up to 3 years
- Easy USB configuration
- Temperature and humidity alarm notification
- Low battery level notification
- Button trigger for quick data testing
- LED light indication for different status
- Communication distance between receiver and sensor up to 5km



Specifications

Dimensions / Weight	106mm x 57mm x 33mm / 135g
Battery / Battery Life	Built-in Lithium 3.6V/3500mAh (non-rechargeable) / Up to 3 years (15min intervals)
Measure Range Temperature / Humidity	-40°C ~ +125°C / 0%RH ~ 100%RH
Accuracy of Temperature / Humidity	±0.3°C / ±3%RH
RF Frequency	433/470/868/915MHz (optional)
Modulation / Distance	LoRa (Long Range) / Up to 5km
Operating Temperature / Humidity Range	-30°C ~ +60°C / Up to 85% (non-condensing)
Transmit Power / Interval	20dBm (adjustable) / 1min ~ 60mins (user definable)
Low Voltage/Temperature Alarm	Yes (user defined)
Waterproof Rating	IP54