Wireless Monitoring System

24/7/365 Warehouse Management

Temperautre and Humidity Measurement
800metres Long Distance
3years Battery Life

Features:

* Maximum 800m Long distance measurement
* Backup battery for emergency use
* 100 pcs sensor tags could be recognized at a time
* Easily USB/SMS configuration
* Temperature and humidity alarm notification
* Low battery level notification
* RS485/Modbus-RTU/audible and visual device supported
* LED light indicating for different status

Specifications:

Dimension	112mm*105mm*27mm
N.W	270g
Inner Lithium battery	Built-in 3.7V/850mAh(Rechargeable)
Power supply	DC12V
Measure range of temp and humidity sensor	Temp -40℃ ~ +125℃,Humidity 5%RH ~ 95%RH
Exterior RF antenna	Receive RF signal better
Maximum range in open area	800metres
Working temperature conditions	-20 °C to +60°C
Working humidity conditions	Up to 95% (non-condensing)
GPRS frequency	850/900/1800/1900MHz
RF frequency	433MHz
Modulation	GFSK
Interface	GPRS/RS485/Modbus-RTU
Transmit interval	10s-999s (User definable)
Sensitivity of receiving	-124dBm
Low voltage alarm	Yes (User definable)
Temperature alarm	Yes (User definable)

Features:

* **Maximum 800m Long distance measurement**
* **Large battery work for up to 3 years**
* **High precise temperature and humidity sensor**
* **Easily USB configuration**
* **Temperature and humidity alarm notification**
* **Low battery level notification**

Specifications:

Dimension	63mm*38mm*31mm
N.W	80g
Inner lithium battery	Built-in 3.6V/1200mAh(Non Rechargeable)
Working life	3years(in 30s interval)
Measure range of temp and humidity sensor	Temp -40℃ ~ +125℃,Humidity 0%RH ~ 100%RH
Accuracy of temp and humidity sensor	Temp ±0.3℃/±0.5℃,Humidity ±3%RH
Exterior sensing sensor	Collect data accurately
Maximum range in open area	800metres
Working temperature conditions	-20 °C to +60°C
Working humidity conditions	Up to 85% (non-condensing)
RF frequency	433MHz
Modulation	GFSK
Transmit power	20dbm(Adjustable)
Transmit interval	1s-60mins (User definable)
Low voltage alarm	Yes (User definable)
Temperature alarm	Yes (User definable)
Stand-by currents	<1uA
Waterproof level	IP66

Other Applications:

Green Agriculture

New Energy

Smart Laboratory