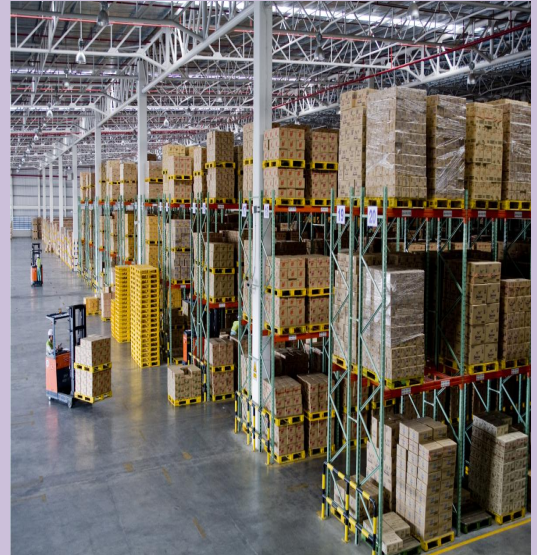


Wireless Monitoring System — RD06_WIFI with Tag06(B)

24/7/365 Warehouse Management

Temperautre and Humidity Measurement
300 Meters Long Distance
3 Years Battery Life



Features:

- * **Backup battery for emergency use**
- * **100 pcs sensor tags could be recognized at a time**
- * **Easily USB configuration**
- * **Temperature and humidity alarm notification**
- * **Low battery level notification**
- * **LAN/WIFI transmission mode supporting**
- * **LED light indicating for different status**
- * **Communication distance between receiver and sensor maximum up to 300 meters**

RD06_WIFI



Specifications:

Dimension	112mm*105mm*27mm
N.W	270g
Inner Lithium Battery	Built-in 3.7V/850mAh (rechargeable)
Power Supply	DC12V
Exterior RF Antenna	Receive RF signal better
Maximum Range in Open Area	300 meters
Operating Temperature Condition	-20 °C to +60°C
Operating Humidity Condition	5% ~ 95% (non-condensing)
RF Frequency	433MHz
Modulation	GFSK
Interface	LAN/WIFI
Transmit Interval	10s-6000s (user definable)
Sensitivity of Receiving	-124dBm
Low Voltage Alarm	Yes (user definable)
Temperature Alarm	Yes (user definable)

Features:

- * Large battery work for up to 3 years
- * High precise temperature and humidity sensor
- * Temperature and humidity alarm notification
- * Low battery level notification
- * Communication distance between receiver and sensor maximum up to 300 meters



Tag06



Tag06B

Specifications:

Dimension	63mm*38mm*31mm
N.W	80g
Inner lithium battery	Built-in 3.6V/1200mAh (Non Rechargeable)
Working life	3years (in 60s interval)
Accuracy of temp and humidity sensor (Tag06B)	Temp: $\pm 0.3^{\circ}\text{C}$ (0 ~ 60°C), $\pm 0.3 \sim 0.7^{\circ}\text{C}$ (other)
	Humidity: $\pm 3\%$ (20 ~ 80%), $\pm 4\%$ (other)
Sensor probe detecting range(Tag06)	Temp: -55 ~ +125°C
Accuracy of temp (Tag06)	Temp: $\pm 0.5^{\circ}\text{C}$ (-10 ~ 85°C), $\pm 1^{\circ}\text{C}$ (other)
Exterior sensing sensor	Collect data accurately
Maximum range in open area	300 meters
Operating range	-30 °C ~ +60°C
	0%RH ~ 85%RH (non-condensing)
RF frequency	433MHz
Modulation	GFSK
Transmit power	20dbm(Adjustable)
Transmit interval	1s-60mins (User definable)
Low voltage alarm	Support
Temperature alarm	Support
Stand-by currents	<1uA
Waterproof level	IP66

Working Principle:



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