

Wireless Monitoring System —RD06 with Tag06(B)

24/7/365 Warehouse Management

Temperature and Humidity Measurement
300 meters Long Distance
3years Battery Life



Features:

- * **Maximum 300m 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**

RD06



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	300 meters
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 300m Long distance measurement**
- * **Large battery work for up to 3 years**
- * **High precise temperature and humidity sensor**
- * **Temperature and humidity alarm notification**
- * **Low battery level notification**



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



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