



Wireless Monitoring System —AVL-11 with Tag06(B) 24/7 Logistics Management

Temperature and Humidity Measurement
GPS Vehicles Tracking
4500mAh back-up Battery



Features:

- * **Maximum 300m Long distance communicating**
- * **4500mAh back-up battery can work for 1 day without external power supplier**
- * **100 pcs sensor tags could be recognized at a time**
- * **Easily USB/SMS configuration**
- * **Temperature and humidity alarm notification**
- * **Low battery level notification**
- * **LED light indicating for different status**

AVL11



Specifications:

Dimension	122mm*81mm*30.8mm
N.W	250g
Inner Lithium battery	DC3.6V -- 4.2V/4500mh(Rechargeable)
Power supply	DC 9V--36V
USB charge	5V
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
Position accuracy	10-15meters
Transmit interval	10s-999s (User definable)
LED	3 LEDs indicates GSM signal,GPS signal, and charge
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

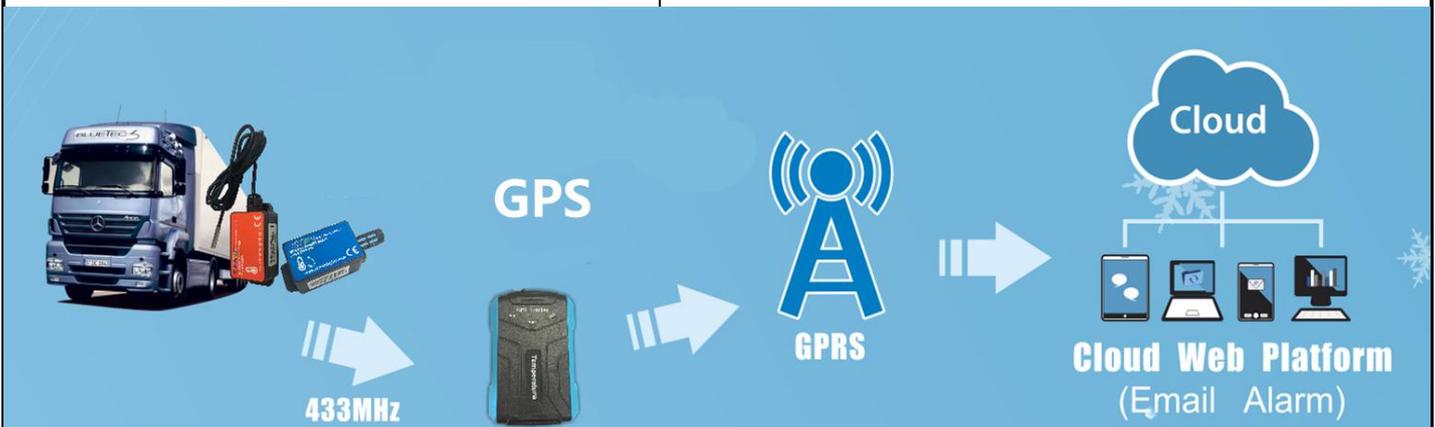
Tag06B



Tag06

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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