

TBS-220 Geomagnetic Vehicle Detector

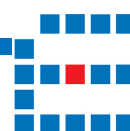
TBS-220 Geomagnetic vehicle detector, which is compatible with LoRaWAN™, adopt advanced magnetic sensor and signal detection algorithm, be able to detect the vehicle presences. TBS-220 can be widely used in many areas such as smart parking, smart traffic, smart community.



Specification

RF Parameters	
Operating Frequency	868 MHz/915 MHz/ 923 MHz
Maximum Transmit power	20dBm
Transmission Distance	1 Km
Standards and Functions	
Standards	LoRaWAN™, Class A
Vehicle Presence Accuracy	>96%
Detection Algorithm	Three-axis joint detection algorithm
Installation Method	Screwed above ground
Upgrade Method	Remote upgrade
Parameters Configuration	Detect threshold, heart-beat intervals
Calibration	Power-on calibration, command calibration
State Monitor	Low-voltage alarm, disturbance alarm
Physical Parameters	
Power Supply	Built-in 3.6 V lithium battery
Power Switch	External magnetic strip switch
Protection Level	IP67
Life Duration	5 years
Operating Temperature	-40 °C ~ 85 °C
Operating Humidity	< 95%
Size	Diameter 150 mm, height 25.5 mm
Weight	400 g
Resistant	4 ton

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