

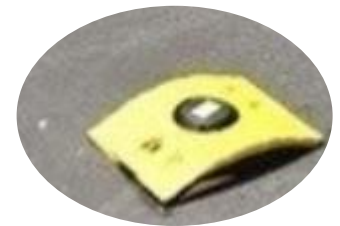
Parking Space Detection - Ultrasonic plus Geomagnetic NBloT Sensor

PS102-USGM-NB-BT8-SB

The PS102-USGM-NB-BT8 Dual-detection parking occupancy sensor can accurately detect the occupancy status of parking space(s) by dual Ultrasonic and Geomagnetic sensors. When a vehicle pulls into or out through the parking space, the sensor reports status via NBloT cellular technology to the ThingsMaster OTA platform or other cloud platform. The sensor is powered by ER26500 lithium battery 8000mAh 3.6v and can work for 2-3 years depending on work mode. The enclosure is IP67 weather protected and operation temperature is from -20~70C. The PS102 series are ideal for Smart Parking System Solution.



ThingsMaster OTA



Features & Benefits

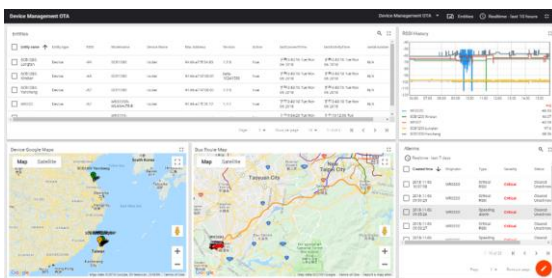
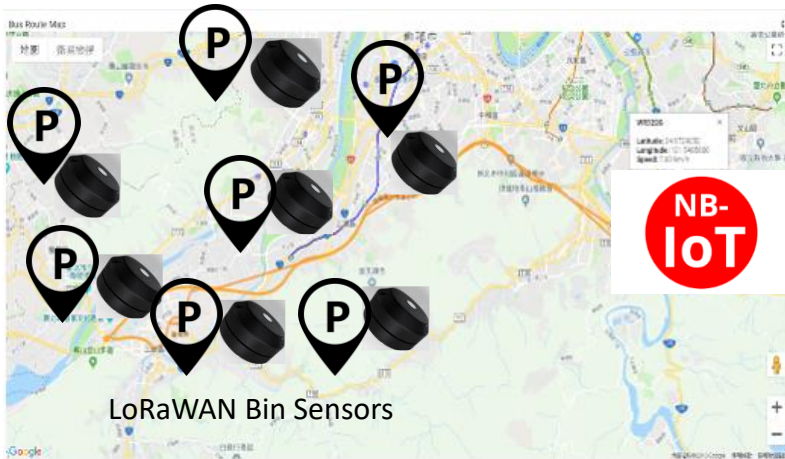
Detection Technology	Ultrasonic + Geomagnetic
Accuracy	99%
Ultrasonic Range	10~60cm
Enclosure	IP67 ABS
Installation	Surface mount
Dimension	115*115*50mm
Wireless	NB-IoT (B1/3/5/8/20/28), 1 Micro SIM
Cloud Protocol	TCP
Weight	150g
Application Platform	ThingsMaster OTA
Operating Temperature	-20 to 70°C
Battery	Non-recharged ER26500 lithium battery 8000mAh 3.6v
Battery Life	Up to 3 years(6 transactions per day)



Features & Benefits

✓ Real Time OTA Management

- Integrated OTA platform on public Cloud
- Real-time status of parking space occupancy



實體名 ↑	IMEI	CarParkNo	PrevVer	PostVer	ReportVer	Purpose	Time
GP00001	868333030500001	P00001	D1	D2	D2	change ip and port	2019-12-30 11:04:53
GP00002	868333030500002	P00002	D1	D2	D2	change ip and port	2019-12-30 11:04:54
GP00003	868333030500003	P00003	D1	D2	D2	change ip and port	2019-12-30 11:04:53
GP00004	868333030500004	P00004	D1	D2	D2	change ip and port	2019-12-30 11:04:53
GP00005	868333030500005	P00005	D1	D2	D2	change ip and port	2019-12-30 11:04:54
GP00006	868333030500006	P00006	D1	D2	D2	change ip and port	2019-12-30 11:04:54
GP00007	868333030500007	P00007	D1	D2	D2	change ip and port	2019-12-30 11:04:54
GP00008	868333030500008	P00008	D1	D2	D2	change ip and port	2019-12-30 11:04:54
GP00009	868333030500009	P00009	D1	D2	D2	change ip and port	2019-12-30 11:04:54
GP00010	868333030500010	P00010	D1	D2	D2	change ip and port	2019-12-30 11:04:54

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Ordering Information

Model	Description
PS102-USGM-NB-BT8-SB	NB-IoT Ultrasonic and Geomagnetic Parking Sensor, 8000mAh Battery, Surface Mount, Black
ThingsMaster OTA Parking-100	Annual Fee- ThingsMaster OTA 100 Parking Nodes on public server
	Package List
	Product Unit x 1 (Micro SIM Card is not included)
	Ground Screws x 3
	Test Magnet Tool x 1
	QIG