



Using ZETA based wireless supersonic sensor to detect if a parking place is occupied by vehicles.

Features

- Excellent sensitivity @-132dBm
- Adjustable detecting angle, range and threshold
- Safe and reliable, easy to deploy
- Low power consumption & can be battery powered

Target Applications

Detecting car parking.

Electrical Characteristics

Power supply	3.6V
Average current	60uA
Average power	90uw
Tx power	17dBm
Working band	Default 470-478MHz(customizable)
Anti-stress	0.5 tons
Detecting range	1m
Distance between car chassis and ground	10cm < Distance < 30cm

Physical Characteristics

Physical size	170*95*65mm
Shell materials	Stainless steel
Antenna	Ceramic/PCB/Spring-loaded

Operational Environment

Working Temp	-20°C ~ 60°C
Rainfall	< 20mm
Snowfall	< 1mm
Protection grade	IP67

Notice

1. Ensure the sensor probe is on the measured direction without shielding.
2. Vertical parking spaces:
 - installed in the middle of two car stoppers;
 - installed in the middle of the space where 1 meter away to the edge of parking spaces.
3. The probe surface should be cleaned regularly: at least once a month is recommended.



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