



Using MP-SONIC technology to detect waste fill level.

Features

- Excellent sensitivity @-132dBm
- High compression strength
- Easy to deploy & Low power consumption
- Automatic compensation detecting algorithms

Electrical Characteristics

Average current	75uA
Tx power	15dBm
IoT protocol	ZETA
Data rate	300bps
ESD	12K Arc discharge, 3K Contact discharge
Working band	Default 470-490MHz
Battery	Default 19Ah
Battery life	>5 years (depends on environment and using mode)

Target Applications

Waste fill level detection outdoors.

Physical Characteristics

Weight	<350g (Typ)
Physical size	110*90*40mm
Materials	Reinforced nylon
Antenna	Ceramic/PCB/Spring-loaded

Operational Environment

Working Temp	-34°C ~ 74°C
Storage Temp	-40°C ~ 80°C
Relative humidity	≤90%
Protection grade	IP67

1. Installed under the trash bin cover and follow the direction mark.



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