



# Smart Dustbin System

## Smart Dustbin

FOR RESIDENTIAL & MODERATE COMMERCIAL USE



### SPECIFICATION

- Compact water resistant
- Fire resistant design
- Under 450 gms
- 2 years battery life (5yrs optional add on)
- Replaceable battery
- Cost effective
- GSM/GPRS
- Support all GSM SIM cards
- IoT Module: FCC, CE & RoHs certified, production grade
- Designed & Assembled by BioEnable

**1**  
YEAR  
WARRANTY



  
AdvanceProTec  
AN ISO 9001:2008 COMPANY

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 [advanceprotec.com](http://advanceprotec.com)

Smart waste bin sensor transmits data it collects in real-time through wireless networks to Advanceprotec smart waste management platform,. 2G and 3G telecommunication modules are available through WCDMA and GSM networks.

Sensor Based Waste Collection Bins is used to identify status of waste bins if it is empty or filled so as to customize the waste collection schedule accordingly and also save the cost.

Real time waste management system by using smart dustbins to check the fill level of dustbins whether the dustbins are full or not, through this system the information of all smart dustbins can be accessed from anywhere and anytime by the concerned person. It will inform the status of each and every dustbin in real time so that concerned authority can send the garbage collection vehicle only when the dustbin is full.

Route optimization and predictive analytics provide insightful historical data to generate the best routes and estimate the time of containers becoming full. Advanceprotec provides complete solution with manpower that makes waste collection and dispatch operations both efficient and cost-effective. These tools eliminate hours spent on manual routing, maximize productivity, optimize equipment and staff allocations, and allow you to gain better control over your solid waste management operations.



## FEATURES:

- Robust IP66 Weatherproof
- Operating Temperature : -20'c to +80'c
- Power Supply : High performance battery
- Software : Configuration and update to over the cloud
- Fireproof
- Measures all materials & liquids
- Easy to use, easy to install
- Real-time Signal Processing
- Tilt, temperature or location sensing & alerts
- Remote Diagnostics feature
- Platform architecture allows easy Spin-offs
- Know Fill Levels – before you go
- Greater traceability
- Lower carbon footprint
- Collections on time, every time

