

AMEZEUS

CATALOGUE PRODUITS

DÉCHETS CONNECTÉS

Poubelles connectées et solutions de suivi.
Des équipements pour organiser la collecte.

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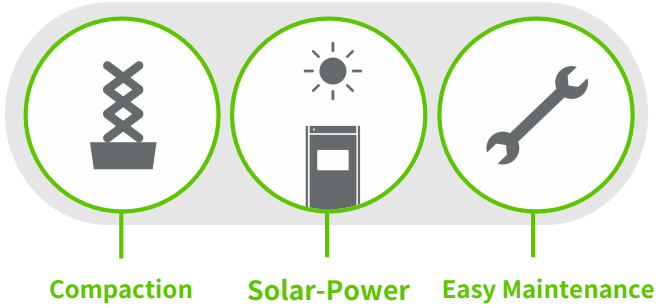
TrashCUBE

Solar-Powered Waste Compactor

Main Feature

Compaction system with 300kgf allows to collect 5 times more of waste compared to ordinary waste bins. TrashCUBE's slim design is fit to be installed in/exterior and it is very easy to use.

TrashCUBE is more durable than before and FOTA, ToF Fill-level readings, interchangeable parts have been added as additional feature.





Technical Specification

Compactor

- Force : MAX 300kgf
- Compression Cycle : Appr. 60Sec
- Motor : 1/12-HP DC Motor(60W)
- Drive System : Geared motor with X-frame drive (patented)
- Fill-Level Measurement : ToF Distance Sensor

Safety Features

- Hand detection safety sensor
- Smoke detection sensor and fire suppression
- Access locks for front door and top cover
- Polycarbonate protective cover for solar panel

Communication and GNSS Features

- Communication: LTE(4G)
- Location: GPS module
- Firmware Over-the-Air : FOTA applied

TrashCUBE

Product Options

Size



28 gal	35 gal	65 gal
19.68 x 21.65 x 47.24 “ (253.53 lbs)	23.03 x 24.17 x 58.27 “ (363.76 lbs)	27.36 x 31.50 x 64.76 mm (440.92 lbs)

Option



Wi-Fi Hotspot

Allows to have Wifi Hotspot around CCB

*Communication Fee is separated



Wrapping

Possible for all 4 sides (Front / Back door included)



AD Panel

A2 Size (28 / 35 gal)

A1 Size(65 gal)

TrashFLEX

Fill-Level Sensor

Main Feature

Attachable to various containers such as large dumpsters, public trash cans and clothes donations bins, the TrashFLEX's rotating sensor allows for versatile installations. The Sensor comes in two types, utilizing either ToF or USW.





Technical Specification

Fill Level Sensor

- Measurement Tech : ToF (Time of Flight)
- Range : 2~400 cm
- Accuracy : Solid materials ±4 cm, Liquids ±1 cm
- Resolution : 1 cm (0.4”)

Durability

- Ingress protection rating: IP67
- Impact rating: IK10
- Operating temperature: -30 to 80 °C
- Battery type: 3.6V high performance lithium battery (D-type)
- Battery life: approximately 3 years2

Communications

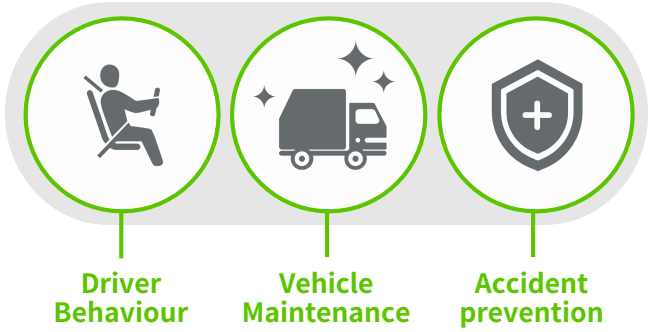
- GPRS over GSM: 850/900/1800/1990 MHz
- WCDMA over UMTS: 800/850/900/1700/1900/2100 MHz
- LPWAN: LoRa/ NB-IoT/ LTE Cat.M1 available
- Subscriber Identity Module: USIM 2FF, 3FF

TrashTRACK

Vehicle Tracking Device

Main Feature

TrashTRACK utilizes GPS and OBD modules to report crucial data from vehicles to the Cloud Platform. Through TrashRACK, users can monitor a vehicle's GPS position, RPM, engine oil levels, temperature, tire air pressure, engine torque, battery voltage, fuel efficiency, coolant temperature, and rapid accelerations. It equips the user to identify anomalies and prevent accidents.





Technical Specification

Features

• OBD : 11 out of 12 features

• GPS position, RPM, engine oil levels, temperature, tire air pressure, engine torque, battery voltage, fuel efficiency, coolant temperature, and rapid accelerations

Others

- Major Interface : Reset, Power
- Controller : Remote Update (DFOTA)
- Security Data : AES128/256, BASE 64
- Power Voltage : 9 ~ 28V
- Operating Temperature : -20 to 85°C

Communication & GNSS Features

- Network : WCDMA, LTE(3GPP Rel. 11 Category 4/6)
- USIM : 3FF (eSim supported)
- GNSS : GPS, GLONASS, GALILEO, BEIDOU, QZSS/More than 2.5m CEP 50%