

CleanFLEX(CAM) Technical Specification



Product Dimension

- Size (L × W × H): 80 × 85 × 53 mm
- Weight: 360 g

Features

- Fill-level sensor
- Camera with flash to take pictures
- Location sensor(GNSS) : GPS

Fill-level Sensor

- Sensor : ToF(Time of flight) / VCSEL sensor
- Range: 101 ~ 400 cm
- Accuracy ⁽¹⁾ : 10 ~ 400 cm (± 5 %) for solid objects
- Resolution: 1 cm

Pictures

- Resolution: 640 X 480(VGA)
- File Format: JPG
- Shooting Angle
 - Vertical: 90°
 - Horizontal: 126°
 - Diagonal: 172°

Communication

- Communication Equipment : 3G(GSM, UMTS) or 4G(LTE)

Durability

- Ingress Protection Rating: IP67
- Operating Temperature: -20 ~ 70 °C

Power

- Battery Type: 3.6 V high perf. lithium battery (D-type)
- Battery Life ⁽²⁾: maximum 2 years

Physical Characteristics

- Material: flame resistant ABS/polycarbonate
- Installation: optional mounting brackets available

¹ Accuracy was measured with the sensor mounted 1 meter above

and facing the ground. Accuracy may vary according to the composition and shape of waste material.

² Actual battery life will vary according to network strength, sensing frequency, and transmission frequency.