

Pioneer Waste Bin Sensor Solution



Technical Parameters

Communication Protocol: NB-IoT, LoRaWAN

Power Supply: 6500mAH Lithium battery

Standby Time: >4 Years

Working Temperature: -40°C~+85°C

Frequency Band Support: B1/B3/B5/B8/B20/B28 (NB-IoT)
433/470/868/915/923MHz (LoRaWAN)

Protocol Support: UDP/TCP/COAP

Optional Types: Single / Double barrels

Shell Material: ABS

Functions and Characteristics

- Adopting international advanced infrared distance measuring sensor
- Intelligent judgement of whether the trash can is full or not
- Supporting serial port configuration
(UDP/TCP/COAP, Target IP, LoRaWAN access mode, etc.)
- Supporting serial port debugging information, log output
- Supporting mainstream IoT platforms
- Supporting heartbeat message, state change alarm, abnormal condition alarm, etc.
- Applicable in monitoring the state of trash bin in municipal region, scenic spots and campus.