

# AMMONIA DETECTOR

CODE: HK-AMDT

## Smart iClean

### Product Description: Restroom Environmental Sensor

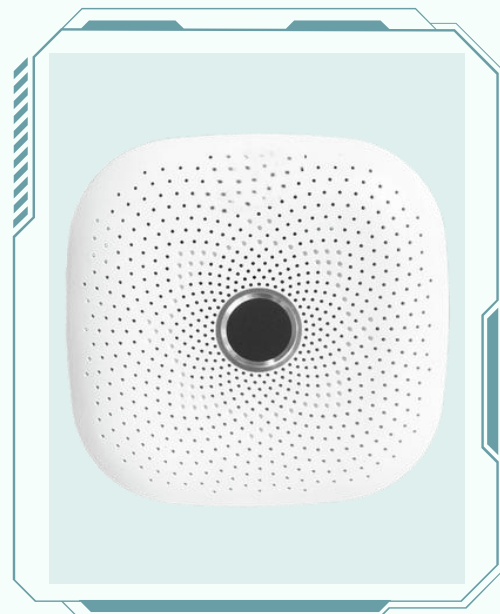
#### Function Overview

Designed to monitor real-time environmental conditions in restrooms, including temperature, humidity, ammonia (NH<sub>3</sub>), hydrogen sulfide (H<sub>2</sub>S), and PM2.5 concentrations.

Only one reporting device is supported per room (e.g., male, female, unisex, nursing room)

Multi-parameter integrated detection for air quality compliance

Powered by DC 12V, with RS485 Wired Transmission or LoRa Wireless Communication



### CERTIFICATION:

#### Calibration Certificate

#### SPECIFICATIONS:

##### Temperature Range:

-40°C to 125°C

##### Humidity Range:

0–100% RH

##### Ammonia Range:

0–100 ppm

##### Hydrogen Sulfide Range:

0–100 ppm

##### PM2.5 Range:

0–1000 µg/m<sup>3</sup>

##### Reading Frequency:

Every 1 minute

#### Material:

Flame-retardant ABS material

#### Dimensions:

Diameter: 120mm

Height: 42mm

#### Power Supply:

DC 12V, 5W

#### Communication Interfaces:

RS485

LoRa (430–434 MHz)

#### Installation Method:

Ceiling-mounted or wall-mounted

Recommended installation height: not higher than 2.5 meters

#### Operating Environment:

Temperature: -20°C to 50°C

Humidity: 10%–90% RH (non-condensing)

#### Package includes:

BritishAD +5m ( Connector:Type-C+2.0 )

### WARRANTY:

Smart iClean® warranty covers both hardware and software for a period of 1-year from the date of installation.

Hardware warranty covers the device against any manufacturing defects and faults arising during normal, intended operation.

The information on warranty provided here is not comprehensive and the user is advised to contact Smart iClean for a detailed information on the terms and conditions.

