

Overview

DT322 is an advanced, configurable indoor odor sensor aimed at building automation. Users can monitor the level of amine series, sulfur gas, temperature, humidity remotely through built-in Sigfox wireless module. The outputs are 0-30 PPM.

Widely applicable for smart public toilets, garbage room, public spaces, etc

Key Features

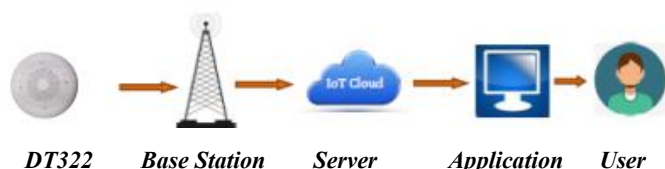
- ✓ Detection of multiple gases
- ✓ LED indicator
- ✓ Remote control and monitoring
- ✓ Wireless connectivity Sigfox
- ✓ Low power consumption
- ✓ Battery powered or DC powered
- ✓ Quick & easy set up
- ✓ Open protocol
- ✓ Easily accessible

Mechanical Size

Dimension: 80*80*38mm



Network Diagram



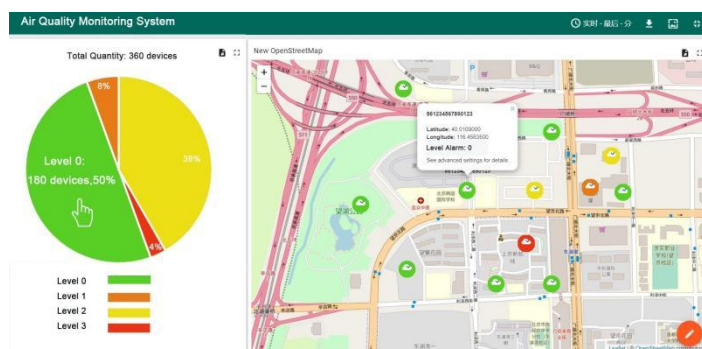
When the device detects the status of odor, it sends a frame to the base station, then base station forward to cloud server, then to application. Finally user can monitor the status remotely.



Specifications

- ✓ Odor Measurement Elements: amine series, sulfur gas
- ✓ Temperature Measurement: $-30 \sim +85^{\circ}\text{C}$ ($\pm 0.3^{\circ}\text{C}$)
- ✓ Humidity Measurement: $0 \sim 90\%$ ($\pm 2\% \text{RH}$)
- ✓ Odor Output Level: 0-30PPM;
- ✓ Power Consumption: Upload $\leq 600\text{mA}$;
Detection $\leq 100\text{mA}$
- ✓ Internal Battery: 1000mAh@ 3.7V Lithium Battery, Life time 10 days.
- ✓ Recharge Interface: Micro-USB 500mA@5V
- ✓ Recharge LED: Red: not full battery;
Blue: Full battery.
- ✓ Sigfox Band: RCZ1, RCZ2, RCZ3, RCZ4, optional.
- ✓ Working Environment $-40 \sim 85^{\circ}\text{C}$, $5 \sim 95\% \text{RH}$

Application



Users can check data CNDINGTEK's software application or their own software applications.