DATA SHEET
GT10

10 year sealed lithium battery stand alone smoke alarm

✔ Split-spectrum sensor technology
✔ Test and silence features in one single button, silenced by a working infrared remote controller
✔ Loud sound output over 85 dB(A) at 3 meters
✔ Low quiescent current consumption
✔ Surface-mount device (SMD) circuit board design
✔ Low battery warning signal
✔ Sealed lithium battery, easy installation

SYSTEM OVERVIEW

Standalone Smoke Alarm (hereinafter referred to as the device) is designed to continuously monitor smoke concentration. Adopting new split-spectrum sensor and a built-in high-volume buzzer, it responds quickly and becomes highly sensitive with stable performance and low false alarm. Once the surrounding smoke concentration reaches the alarm value, it will promptly send out visual and audible alarm signal to remind the user to take immediate measures.

SCENE

The device can be widely used in residential areas such as villas, apartments and dorms, including reading rooms, living rooms, bedrooms and hallways.

TECHNICAL SPECIFICATION

Working Principle

Collection Type	Smoke
Sampling Period	9 s
Sensor Type	Photoelectric

Alarm

Alarm Type	Smoke alarm, fault warning, low battery warning
Alarm Volume	85dB (A) at 3 m (9.84 ft)
Alarm Mode	Visual and audible alarm
Silencing Function	Yes
Silence Duration	9 min
Infrared Silence	Yes
Alarm Response Threshold	0.2dB/m-0.3dB/m

Basic Parameters

Indicator Light	Alarm, fault and operation indicator
LED Instructions	Standby: Green indicator flashes once per minute Alarm: Red indicator flashes once per second Fault: Red indicator flashes twice per minute
Coverage Area	When the height of the space is less than 8 m (26.25 ft), the protection area of a device is 20 m2–40 m2

Type	Model Number	Description
Smoke Alarm	GT10	10 year sealed lithium battery stand alone smoke alarm

Power Supply

Battery Life	10 years
Power Source	3V CR123A lithium battery (non-replaceable)
Operating Current	Monitoring current: ≤ 15uA (avg.) Alarm current: ≤ 35mA (avg.)

Operating Ambient

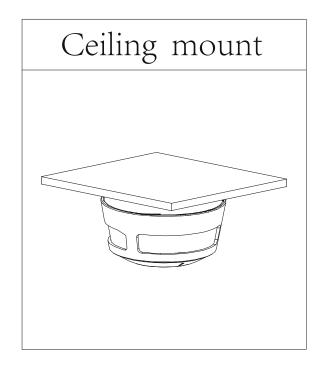|	
Operating Environment	Indoor
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	≤95% RH (non condensing)

Ceiling mount

Appearance

Color	White
Casing	PC+ABS
Dimensions	φ81.52 mm × H53.33 mm (φ3.21" × H2.10")
Weight	110 g (0.24 lb)
Installation	Ceiling Mount

Certification

Certifications	EN 14604:2005+AC:2008, AS 3786:2014

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