

DATA SHEET

GTHEAT

240v mains powered heat alarm
with 9v battery backup



- ✓ Class A1 fire detection (54°C to 65°C)
- ✓ Silenced by a working infrared remote controller
- ✓ Wireless interconnected with maximum of 24 devices
- ✓ Test and silence features in the central push button
- ✓ Loud sound output over 85 dB(A) at 3 meters
- ✓ Surface-mount device (SMD) circuit board design
- ✓ Low battery warning signal

SYSTEM OVERVIEW

The GT Wireless Interconnected Heat Alarm is specifically designed to continuously monitor abnormal temperature. Integrated with a high-precision thermistor and an intelligent algorithm, it triggers an alarm when a predetermined temperature is reached. It is ideal for smoky, dusty, or humid areas that may trigger false smoke alarms, e.g., kitchens where cooking fumes are present and attics, garages where there may be lots of dust. The GT High Performance Heat Alarm is 240v mains powered with a 9v battery backup. It provides 24/7 protection against fire and the alarm signal will be pushed to every alarm in the interconnected network and they will raise the alarm in unison.

SCENE

Application scenarios include household or similar residential applications such as kitchens and garages.

TECHNICAL SPECIFICATION

Working Principle

Collection Type	Temperature
Sampling Period	10 s
Sensor Type	Thermistor

Alarm

Alarm Type	Heat alarm, fault warning, low battery warning
Alarm at Temperature Range	+54°C to +65°C (+129°F to 149°F)
Alarm Volume	≥ 85dB (A) at 3 m (9.84 ft)
Alarm Mode	Visual and audible alarm
Silencing Function	Yes
Silence Duration	9 min
Silence by IR Remotes	Support

TECHNICAL SPECIFICATION

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 once per minute
Operating Frequency	868 MHz
Radio Signal Range	Up to 1000 m (3280.84 ft) in open air
Maximum Number of Interconnected Units	24 pcs

Power Supply

Power Source	AC 100V-250V, 50/60Hz
Battery	9v Alkaline Battery

Operating Ambient

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

Appearance

Color	White
Casing	PC+ABS
Dimensions	148.6mm x H68.4mm (5.85" x H2.69")
Weight	310g
Installation	Ceiling Mount

Certification

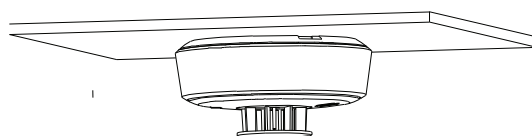
Certifications	CE, UKCA
Compliance Standard	BS 5446-2:2023 and AS 1603.3:2018

ORDERING INFORMATION

Type	Model Number	Description
Smoke Alarm	GTHEAT	240v mains powered heat alarm with 9v battery backup

INSTALLATION

Ceiling mount



DIMENSIONS (MM/INCH)

