

XG-EW020

Wireless Heat Detector



Overview

The XG-HD020 is a high-reliability wireless heat detector designed to identify rapid temperature rises that could indicate fire, especially in environments where smoke detectors are not suitable—such as kitchens, garages, or boiler rooms. Built to meet BS5446-2 standards, this detector uses a non-replaceable 3V battery with a 10-year lifespan, offering long-term fire safety with minimal maintenance.

The detector combines audible (buzzer) and visual (LED) alarm modes to ensure clear alerts when high heat levels are detected. It operates over 433MHz (eV1527 protocol), allowing for easy integration into wireless alarm systems.

Key Feature

Heat-Based Detection:	Ideal for kitchens and high-dust environments
Long Battery Life:	10-year built-in, non-replaceable 3V battery
Dual Alarm Alerts:	Loud buzzer and bright LED indicator
Wireless Communication:	433MHz with eV1527 protocol
Low Battery Notification:	Alerts at 2.7V to ensure readiness
Certified Compliance:	Designed according to BS5446-2 fire safety standards

Application

Best suited for kitchens, utility rooms, garages, and commercial food prep areas where smoke detectors may generate false alarms. The XG-HD020 ensures dependable fire risk detection through heat monitoring in both residential and commercial installations.

Specification

Model Number:	XG-HD020
Battery:	DC 3V built-in (non-replaceable)
Standby Current:	<10 μ A
Alarm Current:	<60mA
Alarm Mode:	LED + Buzzer
Wireless Parameters:	433MHz, eV1527
Battery Life:	10 years
Low Battery Alarm Threshold:	2.7V
Standard Compliance:	BS5446-2