XG-C406H

Wired Smoke & Heat Detector

XTREME GUARD

Overview

The XG-C406H is a dual-function wired smoke and heat detector engineered for enhanced fire detection in residential, commercial, and industrial applications. By combining photoelectric smoke detection with a fixed-temperature heat sensing trip point at 57°C, it provides comprehensive protection in areas where traditional smoke-only detectors might underperform—such as kitchens, garages, and mechanical rooms.

This detector supports both 2-wire and 4-wire configurations, allowing seamless integration into new or existing fire alarm systems.

Key Feature

Dual Detection System:	Combines smoke and heat sensing for maximum coverage
Heat Alarm Trigger:	Fixed temperature trip at 57°C for environments with heat risks
Flexible Installation:	2-wire or 4-wire configuration support
Energy-Efficient Operation:	Extremely low standby current
Visual Alarm Alert:	Red LED for quick visual recognition during alarm
Certified Compliance:	EN54-7 and EN54-5 certified by CE for international standards
Durable Construction:	ABS plastic housing ensures reliability in challenging environments

Application

Ideal for kitchens, garages, offices, hotels, warehouses, and commercial spaces where both smoke and heat detection are needed for accurate and reliable fire protection.

Specification

Model Number:	XG-C406H
Operating Voltage:	DC 9V–35V
Standby Current:	• 2-Wire: ≤50μA • 4-Wire: ≤50μA (relay NO), ≤16mA (relay NC)
Alarm Current:	• 2-Wire: 20–50mA @12V / 40–50mA @24V • 4-Wire: ≤40mA (relay NO), ≤20mA (relay NC)
Smoke Sensitivity:	0.08–0.16 dB/m
Heat Detection Trip Point:	57°C
Operating Temperature:	0°C ~ 50°C
Operating Humidity:	≤95% RH (non-condensing)
Material:	ABS Plastic
Dimensions:	⌀99 × H44.8 mm
Wiring Options:	2-wire or 4-wire