

# XGF-C405

## Wired Smoke Detector

### Overview

The XGF-C405 is a reliable and energy-efficient 2-wire wired smoke detector, designed for fire alarm systems requiring simple yet effective smoke detection. Compliant with EN54-7:2008 and CE certified, this detector is built with photoelectric sensing technology that accurately detects smoke particles in early stages of fire.

Powered by a wide DC 9V–35V input range, the XGF-C405 is optimized for low power consumption, with only  $\leq 50\mu\text{A}$  standby current. The alarm activates with a red LED indicator, and resetting is conveniently managed via power cycling. Its design includes a remote LED output option for enhanced visibility during alarms, especially useful for multi-room installations.

### Key Feature

Photoelectric Smoke Detection:	Fast and accurate detection of smoke particles
Low Power Consumption:	$\leq 50\mu\text{A}$ standby current
Remote LED Output:	Supports remote visual indication in 2-wire systems
Reset via Power Off:	Simplifies alarm reset process
Durable Construction:	Made with ABS flame-retardant material
Compact Design:	Easy to install and suitable for standard bases

### Application

The XGF-C405 is suitable for residential buildings, offices, schools, retail stores, and small commercial facilities, providing a reliable and easy-to-maintain wired smoke detection solution for basic and moderately sized fire alarm systems.

### Specification

Model Number:	XGF-C405
Operating Voltage:	DC 9V–35V
Standby Current:	$\leq 50\mu\text{A}$
Alarm Current:	40–50mA @ 24V
Sensitivity:	0.08–0.16 dB/m
Alarm Indicator:	Red LED
Reset Method:	Power off
Alarm Output::	Remote LED output (for 2-wire use)
Contact Rating:	N/A (2-wire model)
Operating Temperature:	0°C ~ 50°C
Operating Humidity:	$\leq 95\%$ RH (non-condensing)
Material:	ABS
Standard:	EN54-7:2008
Dimensions:	$\varnothing 98.5 \times \text{H} 47.8 \text{ mm}$