

# XGF-C401

## Wired Smoke Detector



## Overview

The XGF-C401 is a high-performance wired smoke detector designed for integration into professional fire alarm systems. Available in both 2-wire and 4-wire configurations, it offers flexible installation for a variety of building environments, including residential complexes, commercial buildings, and industrial facilities.

Built with a photoelectric sensing chamber, it provides fast and accurate smoke detection within the sensitivity range of 0.08–0.16 dB/m.

## Key Feature

Dual Wiring Options:	Supports both 2-wire and 4-wire installations
High Sensitivity:	Smoke detection range of 0.08–0.16 dB/m
LED Alarm Indicator:	Red LED activates during alarm status
Wide Operating Voltage:	Compatible with DC 9V–35V systems
Certified Quality:	Complies with EN54-7:2008 and certified by CE, RoHS
Durable Design:	Made of flame-retardant ABS material
Low Power Consumption:	Energy-efficient standby and alarm modes

## Application

Ideal for apartment complexes, hotels, schools, offices, factories, and warehouses, the XGF-C402 ensures fast and dependable smoke detection for early fire warning in wired alarm systems.

## Specification

Model Number:	XGF-C401
Operating Voltage:	DC 9V–35V
Standby Current:	<ul style="list-style-type: none"><li>2-Wire: <math>\leq 50\mu\text{A}</math></li><li>4-Wire: <math>\leq 50\mu\text{A}</math> (relay NO), <math>\leq 16\text{mA}</math> (relay NC)</li></ul>
Alarm Current:	<ul style="list-style-type: none"><li>2-Wire: 20–50mA @12V, 40–50mA @24V</li><li>4-Wire: <math>\leq 40\text{mA}</math> (relay NO), <math>\leq 20\text{mA}</math> (relay NC)</li></ul>
Sensitivity:	0.08–0.16 dB/m
Alarm Indicator:	Red LED
Operating Temperature:	0°C to +50°C
Humidity:	$\leq 95\%$ RH (non-condensing)
Material:	ABS
Standards & Certifications:	EN54-7:2008, CE, RoHS
Dimensions:	$\varnothing 103 \times \text{H}53 \text{ mm}$
Wiring Options:	2-wire or 4-wire