XGF-C407

Wired Smoke Detector

XTREME
GUARD

Overview

The XGF-C407 is a high-performance wired photoelectric smoke detector, designed for integration into 2-wire or 4-wire fire alarm systems. Built for precision, safety, and long-term reliability, the detector offers accurate smoke detection using photoelectric sensing and features a built-in audible alarm of over 80dB at 1 meter, providing both visual and sound alerts for timely evacuation.

Operating within a wide voltage range of DC 9V–35V, it consumes ultra-low standby current (≤80µA), making it suitable for power-sensitive installations. Its durable ABS plastic housing ensures longevity in a variety of indoor environments, while its sensitivity of 0.08–0.16 dB/m meets industry-standard fire detection requirements.

Key Feature

Photoelectric Smoke Detection:	Quick and accurate detection of smoke particles
Integrated Sound Alarm:	Loud >80dB alarm at 1 meter for immediate alerting
Wide Voltage Range:	Operates on DC 9V–35V
Flexible Installation:	Supports both 2-wire and 4-wire configurations
Visual Alarm Indicator:	Bright red LED for clear status signaling
Energy-Efficient Design:	Low standby and alarm current for long-term use
Durable Construction:	Flame-resistant ABS casing

Application

The XGF-C407 is designed for various settings, including apartments, schools, hotels, offices, hospitals, and retail environments. It provides quick and reliable smoke detection with audio and visual alerts, enhancing fire safety and compliance.

Specification

Model Number:	XGF-C407
Operating Voltage:	DC 9V–35V
Standby Current:	≤80µA
Alarm Current:	≤40mA
Sensitivity:	0.08–0.16 dB/m
Alarm Indicator:	Red LED
Alarm Sound Pressure:	>80dB @ 1 meter
Operating Temperature:	0°C ~ 50°C
Operating Humidity:	≤95% RH (non-condensing)
Material:	ABS
Dimensions:	⌀99 × H54.7 mm
Wiring Options:	2-wire or 4-wire