

# XG-1010WL UV Fire Sensor



## Revolutionizing fire safety with smart technology.

The UV Fire Detection System uses advanced flame sensors to provide early and reliable fire detection. It combines real-time monitoring, remote management, and seamless system integration to enhance safety and efficiency.

### Key Feature

Quick Detection:	Detects flames in milliseconds using UV technology.
Wide Coverage:	Detects fire within a range of 5m to 25m and supports detection across 190° angles.
High Sensitivity:	Adjustable settings for various flame types with minimal false alarms.
Safety Integration:	Triggers alarms, sprinklers, or equipment shutdowns upon fire detection.
Indoor & Outdoor Operation:	Covers up to 500m indoors and over 3km outdoors.
Health Status Monitoring:	Reports health to the server every 3 seconds.
Energy Efficiency:	Suitable for battery-powered systems with optional battery packs.
Durable Design:	Built to withstand harsh environmental conditions.

### Early Fire Detection

Quickly identifies flames in milliseconds, ensuring immediate alerts to prevent fire escalation.

### Building Safety

Protects residential, commercial, and industrial buildings by providing reliable fire detection

### Outdoor Monitoring

Ideal for parks, open areas, and other outdoor locations where traditional systems may fail.

### Vehicle Safety

Ensures fire detection in public and private transportation for enhanced passenger safety.

### Industrial Applications

Monitors burning appliances and detects when flames extinguish, preventing potential hazards



### Compact and Durable Construction

Built with high-quality materials to withstand heat, dust, and harsh environmental conditions.



### Real-Time Alerts

Instantly notifies users of detected flames or system malfunctions via mobile devices.



### Rapid Response Capability

Detects flames in less than 2 seconds, ensuring quick activation of safety protocols.



### False Alarm Resistance

Minimizes false triggers caused by ambient light or environmental factors, enhancing reliability.



### Integrated LED Indicators

Provides clear visual feedback for flame detection, power status, and system health.



### Applications

Ideal for residential and commercial buildings, industrial setups, parks, vehicles, and burning appliances.

## Dimension



## Application:

- Residential Buildings: Provides early flame detection to protect homes and ensure the safety of occupants.
- Commercial Spaces: Safeguards offices, retail stores, and warehouses by offering reliable fire monitoring and response.
- Industrial Facilities: Monitors high-risk environments like factories and manufacturing plants for potential fire hazards.

## Specification

Model Number:	XG-1010WL
Detection Range:	5 to 25 meters (depending on Fire flame size ).
Response Time	Less than 2 seconds.
Power Supply	12V -24V DC
Operating Temperature	-20°C to +55°C.
Communication Protocol	LoRaWAN/433 MZH/4 Wire
Dimension	10 X 6 X 5 CM
Weight	75 G
Material	ABS