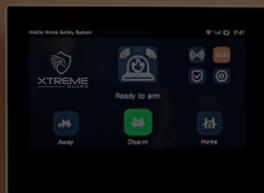


XG-1001 Gateway



Advanced Wireless Communication for Reliable Fire Monitoring

The LoRaWAN Gateway is designed to integrate wireless fire detection sensors, offering scalable and efficient fire monitoring solutions. With advanced technology and robust features, it ensures reliable communication, real-time updates, and seamless integration with modern safety systems.

Key Feature

Reliable Communication:	Advanced collision avoidance and anti-interference technology ensure stable operation in overlapping wireless frequency environments.
Real-Time Monitoring:	Sends sensor health updates every 3 seconds, ensuring consistent performance and system reliability.
Wide Range:	Supports up to 120 wireless fire sensors and covers a maximum range of 10km in open spaces.
Built-in Backup:	Operates 24/7 with a 12-hour battery backup, guaranteeing uninterrupted operation during power outages.
User-Friendly Interface:	Equipped with a 4-inch touchscreen for intuitive system management and configuration.
Flexible Connectivity:	Supports multiple network options, including Wi-Fi, LAN, and 4G, providing versatility for various setups.

Real-Time Fire Monitoring

Facilitates continuous monitoring and quick alerts for fire detection in residential, commercial, and industrial spaces.

Centralized Safety Management

Integrates multiple fire sensors into a single system, enabling centralized control and streamlined safety operations.

Wide-Area Coverage

Supports extensive coverage, making it ideal for large facilities, outdoor areas, and multi-site management.

Uninterrupted Operation

Ensures reliable performance with a 12-hour battery backup, even during power outages.

Flexible Connectivity

Connects seamlessly via Wi-Fi, LAN, or 4G networks for versatile deployment in various environments.



Modern Touchscreen Interface

Features an advanced, responsive interface for real-time system updates and easy navigation.

Reliable Alarm Management

Real-time alerts for emergencies like fire detection, ensuring prompt action.



Customizable Functionality

Clear icons and indicators make it easy to personalize security settings and operational modes.



Durable Material

Constructed from high-quality materials to withstand daily use and environmental wear.



Integrated SOS Button

Quick access to emergency assistance for improved safety.

Visual Alerts

Provides clear visual indications of system status, ensuring immediate understanding of current security conditions.



Dimension



Application:

- Fire Monitoring in Industrial Facilities :Ensures reliable communication with multiple sensors across vast industrial complexes.
- Residential and Commercial Buildings: Enables seamless integration of fire detection systems in homes, offices, and shopping malls.
- Public Infrastructure Safety: Protects airports, railway stations, and hospitals by linking multiple fire sensors to a centralized gateway.

Specification

Model No:	XG-1001
Power Supply:	DC 5V 1.0A via Micro USB.
Battery:	Built-in 3.7V 1500mAh lithium battery.
Power Consumption:	<3W
Operating Temperature:	-10°C to +50°C.
Relative Humidity:	<95% (non-condensing).
Wireless Frequency:	LoRaWAN
Mobile Standard:	WIFI/2G/4G.
Product Size:	120mm (L) x 105mm (W) x 15.5mm (D).