

XG-8WSR01

Wireless Signal Repeater



Overview

The XG-8WSR01 Wireless Signal Repeater is designed to extend the range of wireless detectors by forwarding their signals to the alarm control panel. It acts as a signal bridge, improving the communication between distant detectors and the central alarm system, especially in scenarios where obstacles disrupt direct transmission.

This repeater ensures reliable signal delivery, expanding the coverage of your security system. It supports both wireless and wired zones, making it versatile for various applications.

Key Feature

Wireless Signal Extension:	Extends wireless detector range by relaying signals to the alarm control panel for smooth communication over long distances or in obstacle-filled areas.
Multi-Zone Support:	The system can support up to 5 wireless zones and learn up to 99 detectors and 99 remote controls, providing extensive coverage for large areas.
Wired Zones:	Includes 2 wired zones (Z4-Z5) with optional short circuit or open circuit alarms (NO/NC) for flexible integration of wired sensors.
Wide Compatibility:	Compatible with 1527 and 2262 coding chips, supporting a range of remote controls and detectors for greater system versatility.
Built-in Battery:	Equipped with a rechargeable Ni-Hi DC 4.2V battery, it switches to battery power in case of external power failure, ensuring continuous operation.
Low Battery Indication:	Provides audible low battery alerts every two hours, ensuring timely maintenance.

Application

- **Range Extension:** Enhances signal range for wireless detectors in large or obstructed areas.
- **System Expansion:** Allows for additional detectors and remote controls, ensuring comprehensive coverage.
- **Emergency Backup:** Features a rechargeable battery for operation during power outages.

Specification

Model Number:	XG-8WSR01
External Power Supply:	DC5V/DC12V
Built-in Battery:	Ni-HiDC4.2V
Transmit Frequency:	433 MHz
Learnable Detector Capacity:	99
Product Size:	155 x 70 x 20 mm
Receiving Distance:	100 meters (in open space)
Sending Distance:	600 meters (in open space)
Working Temperature:	-20°C to 55°C