

Wireless Module for X-Series Alarms



XW100

The Connected Home



How Interconnected alarms help save lives

Every year, more than 23,000 people die from fires across the world, whilst carbon monoxide may account for up to half of all fatal poisonings globally (source US National Safety Council). Evacuating properties quickly when a danger is detected is key to reducing the number of lives lost to these two hazards.

A simple and effective way to rapidly warn people that a danger is present is to connect smoke and carbon monoxide alarms in properties together. This allows all alarms to sound when one detects a danger, giving people time to evacuate the building.



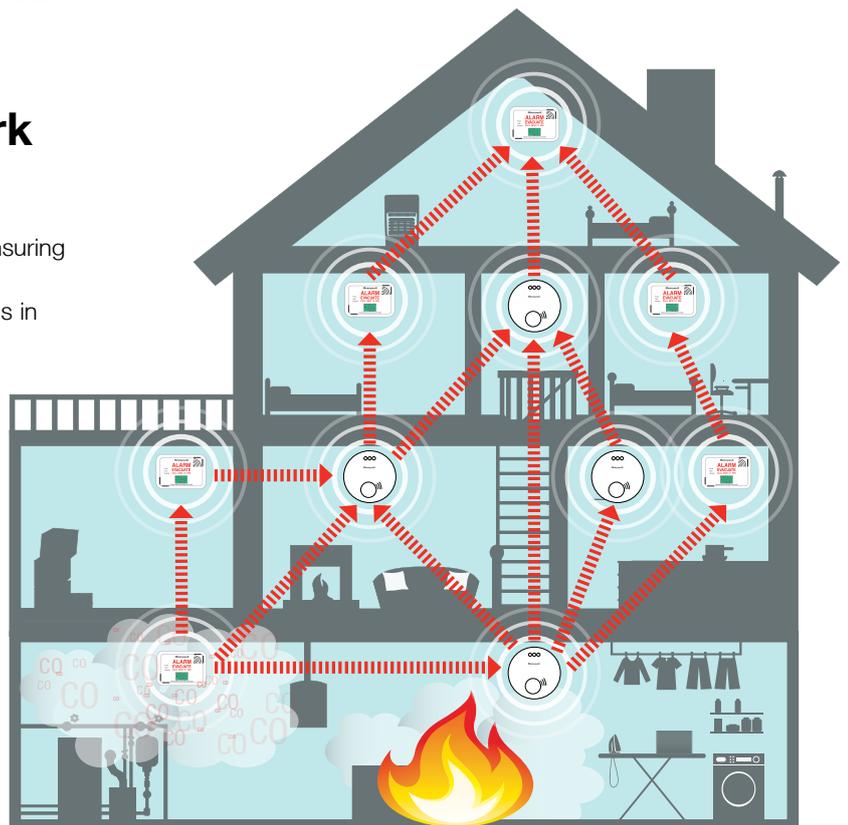
The benefits of a wireless system

Wireless alarms have a number of advantages compared to hard-wired alarm systems, mainly because they do not require wiring. They are, therefore, much easier, faster and cheaper to install than wired alarm systems, keep disruption to a minimum and offer a relative resistance to fire before sounding the alarm.

A wireless network has added benefits for people who are in different rooms to a danger and cannot see or hear it, especially if they are in a large property. Interconnected alarms ensure everyone in the property can hear an alarm, giving them time to evacuate the building before the hazards affect them.

Honeywell's wireless network helps evacuation

Honeywell's wireless modules use a flood type network, ensuring interconnected alarms send and receive information from each alarm in the network. This speeds up sounding alarms in interconnected units when compared to other network types, allowing people more time to evacuate the building in an emergency.



Regulations

In England, Wales, Scotland and Northern Ireland, all smoke alarms in new dwellings should be interconnected so that if one detects a fire, each alarm sounds. Contact your local authority to see the latest building regulations for further information.

XW100 Wireless Module



How Honeywell can help

Honeywell's XW100 has been optimised for use by professionals creating a networked safety solution in residential properties. Offering simple installation and setup, they have been designed to meet the needs of housing associations and high demanding private households.

- ✓ Flood network: Honeywell's network ensures everyone in a property is alerted to a danger quickly
- ✓ Easy installation: The XW100 simply clicks into X-Series alarms
- ✓ Simple setup: The XW100 simple setup saves installer time and quickly protects properties from dangers
- ✓ Easy testing: With the press of a button you can ensure your XW100 module is still connected to the network
- ✓ 3rd party certification by BSi
- ✓ Sealed housing to protect from adverse environmental conditions
- ✓ Ten year lifetime and warranty
- ✓ Maintenance free – no parts to change
- ✓ Clearly visible status indication LEDs

Antenna to communicate with interconnected alarms

Wireless module button for setup

Long life, non replaceable, battery

Simple push fit into host alarm

Wireless Module LED

Technical specification

Reliability	
Network protocol	Flood network
Radio frequency	868 MHz band
Units in a network	Maximum 32 units
Range	200m in free air (min)
Alarm transmit interval	10 seconds
3rd party approvals	Certified to be used with X-Series Carbon Monoxide and smoke and heat alarms
Other compliances	RoHS REACH
Self test	Every 60 minutes
Lifetime and warranty	10 years
Operating environment	
Temperature	-10°C to +55°C
Humidity	25-95% RH (non-condensing) - suitable also for typical bathroom conditions

Electrical and interconnection	
Power supply	Non replaceable, long-life lithium battery
Output power	14dBm (nom)
User interface	
Visual indicator (on host alarm)	Alarm: Red LED Alarm XC100, XC100D: Big message Fault: Yellow LED
Network connection	Blue LED
Button	For network creation and to add a new module to existing network
Product	
Weight	30 g
Packaging	
Type	Carton box with euro hole
Dimensions	107 x 78 x 50 mm
Scope of supply	Wireless module, Instruction manual

Our Gas Detection Product Range



X-Series
Battery Powered
Carbon Monoxide
Alarms



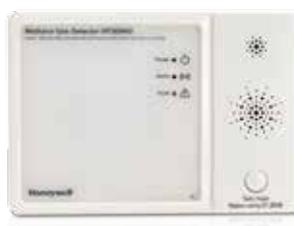
Our X-Series battery powered CO alarm range offers a seven or ten year maintenance-free lifetime. Three models provide different display options designed to enhance safety in critical situations, including a patent pending alarm evacuate visual indication.

X-Series
Battery Powered
Fire Alarms



The Honeywell range of smoke and heat alarms has been engineered for ultimate performance and reliability. Featuring a ten year lifespan and warranty; low profile design; and easy installation, they are ideal for professionals dealing with residential fire detection.

HF500 Hard-Wired
Flammable
Gas Alarm



The HF500 alarms are designed to deliver a complete solution for the detection of LPG (Liquefied Petroleum Gas) and Natural Gas/Methane. Optimised for use by professionals dealing with flammable leak detection, HF500 is ideally suited for use in private or social housing as well as other forms of residential care.

SF340 Series
Hard-Wired
Carbon Monoxide
Alarm



The SF340 Series is a range of reliable, hard-wired Carbon Monoxide alarms with battery back-up. They are designed for use in all domestic and light commercial environments.

e^zsense Battery
Flammable
Gas Alarm



eZsense is the most convenient way to detect Natural Gas, Propane, Butane, LPG and LNG. It is compact and light on the pocket in more ways than one.

Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

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