



Product Line

XSD100 Stand-Alone Smoke Alarm

XSD200 Radiolink Smoke Alarm

PX-AR Alarm Relay

PX-iP Wi-Fi Smoke Alarm System

PyrexX Web-App



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Best Trusted and Rated Quality Products

Offering quality smoke alarm service in property environments since 2005 we have drawn from our years of experience to develop a completely new generation of high-quality smoke alarm system.

Pyrex quality products are produced in Germany subjected by product standard DIN EN 14604.

Our quality of products meet also highest user guidelines as of DIN 14676 and Q label.



Reliable Protection Against Nuisance Alarms

The XSD100 is a stand-alone smoke alarm complying with EN 14604, equipped with a built-in long-term lithium battery.

Our devices therefore do not require annoying and expensive battery changes. This represents just one of the many ways how we actively contribute to the protection of our environment.

Through the sensor-controlled safety mechanism, an alarm is triggered only if there really is concrete evidence of a fire. Pyrex products offer reliable protection against nuisance alarms.

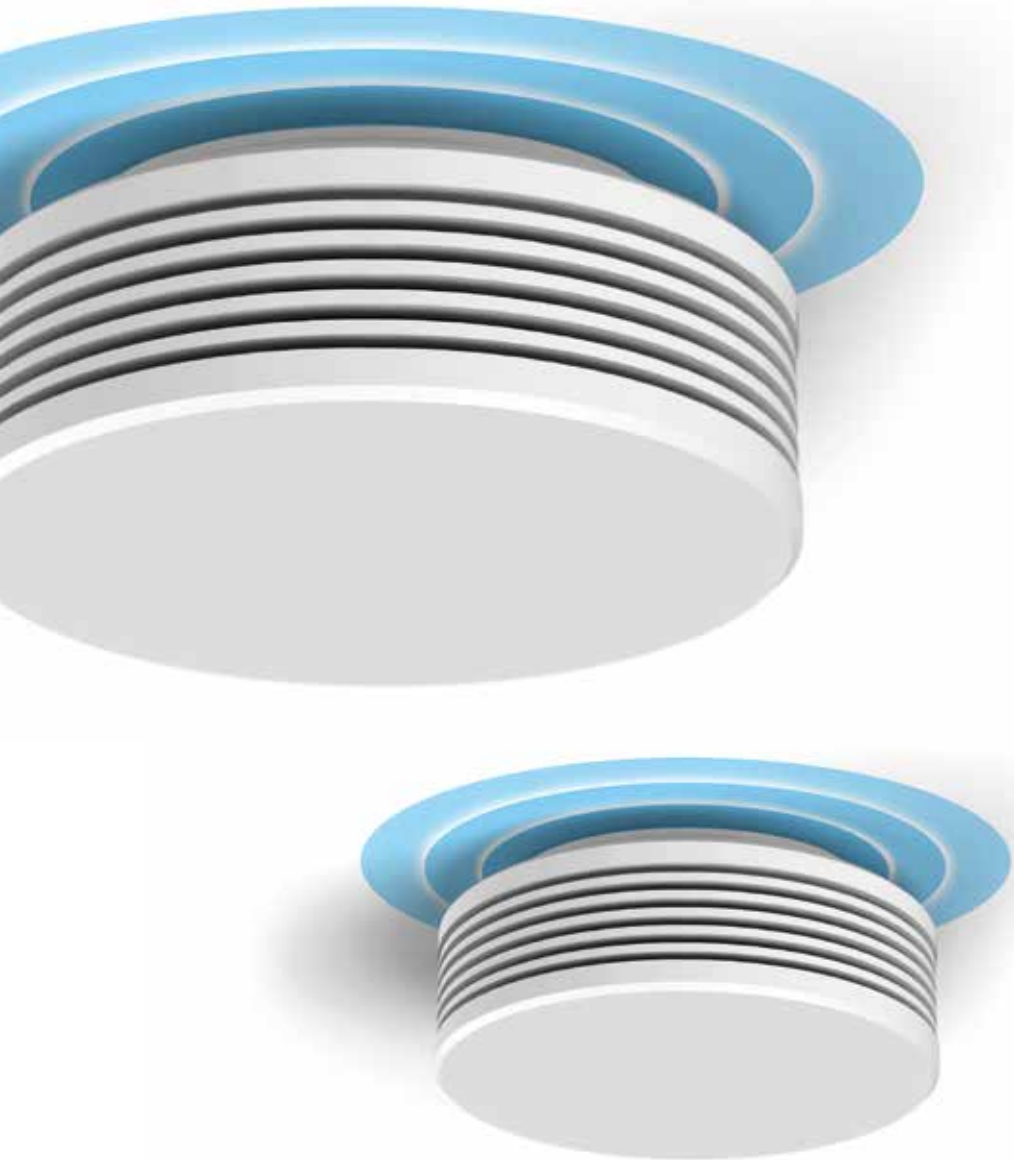
For purchases from an authorised retailer or sales partner, we guarantee a defect-free device for a duration of 10 years.

XSD100 smoke alarms comply with the requirements of the vfdb directive 14/01 and carry the German quality label Q (more information about the Q label and the vfdb directive on pyrex.com).



10 years





XSD200 Radiolink Smoke Alarm

Wireless and Reliable Interconnected Device

XSD200 Radiolink Smoke Alarms in compliance with the EU product standard EN 14604 can easily be interconnected with each other.

Through the sensor-controlled safety mechanism, an alarm is triggered only if there really is concrete evidence of a fire. XSD200 Radiolink Smoke Alarms offer reliable protection against nuisance and are particularly suitable for large or multi-storeyed houses or apartments.

Thanks to the built-in long-term lithium batteries, annoying and expensive battery changes are no longer required. For purchases from an authorised retailer or sales partner, we guarantee a defect-free device for a duration of 10 years.

XSD200 Smoke Alarms comply with the requirements of the vfdb directive 14/01 and carry the German quality label Q (more information about the Q label and the vfdb directive on pyrex.com).



Control Relay for External Applications

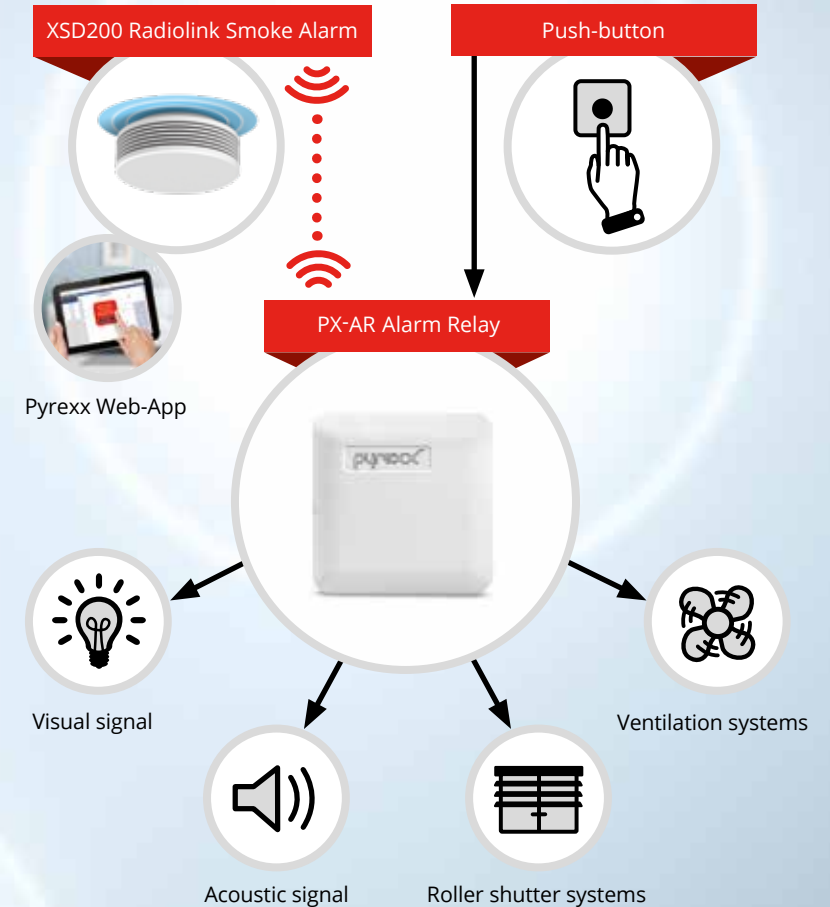
The PX-AR Alarm Relay is an output and input module, which can be integrated into a XSD200 Smoke Alarm radio group.

When an alarm is triggered, the PX-AR controls external applications through a cable, e.g.:

Acoustic or visual signals	✓
Ventilation systems	✓
Roller shutter systems	✓
Home automation systems	✓

In combination with a push-button, the acoustic alarm of XSD200 Radiolink Smoke Alarms can be activated manually by this alarm relay.

The device is equipped with a built-in long-term lithium battery and can be operated without an external power supply.



New Horizons in Modern Fire Protection

Thanks to the PX-iP Gateway, the XSD200 Radiolink Smoke Alarms can now be upgraded to a smart and reliable Wi-Fi smoke alarm system.

When a smoke alarm device triggers an alarm, you will receive a message directly on your smartphone, tablet or your home computer, displaying the precise location, temperature specification as well as information about the affected smoke alarm.

Therefore, you do not waste any time in case of compartment fires. You can also opt for an alarm notification by phone.



Wi-Fi standard according to IEEE 802.11b/g/n



Data security ensured through encryption



Power battery backup unit for emergency operation (if mobile carrier supplies 2G network coverage)

Internet Gateway – Central Control Unit

On vacation, during the commute to work or in the garden: The Wi-Fi Smoke Alarm System from Pyrexz reliably keeps you informed about the security status of your home, regardless of where you are.

The PX-iP interconnects the XSD200 Smoke Alarms with the internet through Wi-Fi or LAN cable. The gateway can be easily and intuitively configured and controlled by using the Pyrexz Web-App.

An emergency power supply and the integrated SIM card ensure proper functionality even if there are internet connection problems. (if mobile carrier supplies 2G network coverage)

The Pyrexz Web-App is free of charge for nonprofessional users and presents itself in an attractive and user-friendly design.





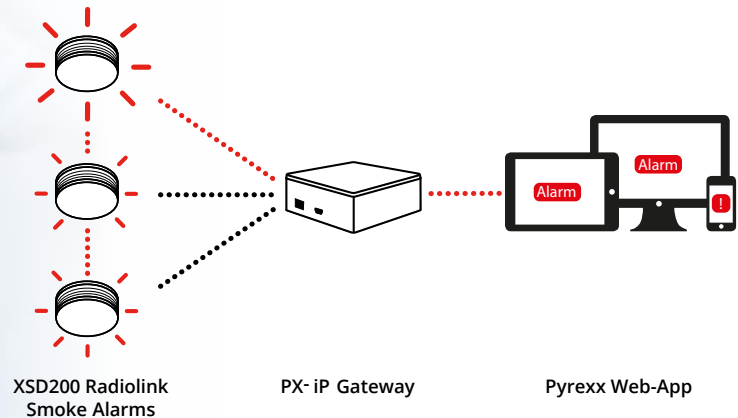
PX-iP Wi-Fi Smoke Alarm System

Installation Examples for Residential Homes

The Pyrex Wi-Fi Smoke Alarm System for residential homes embeds XSD200 Radiolink Smoke Alarms in a network of devices that communicate with each other. Therefore it opens new horizons in modern fire protection.

The base component of the system is the PX-iP Gateway, which integrates into your home Wi-Fi network and connects all of the wireless radiolinked smoke alarms to the internet.

The Wi-Fi smoke alarm system can be comfortably and intuitively configured by using the Pyrex Web-App.

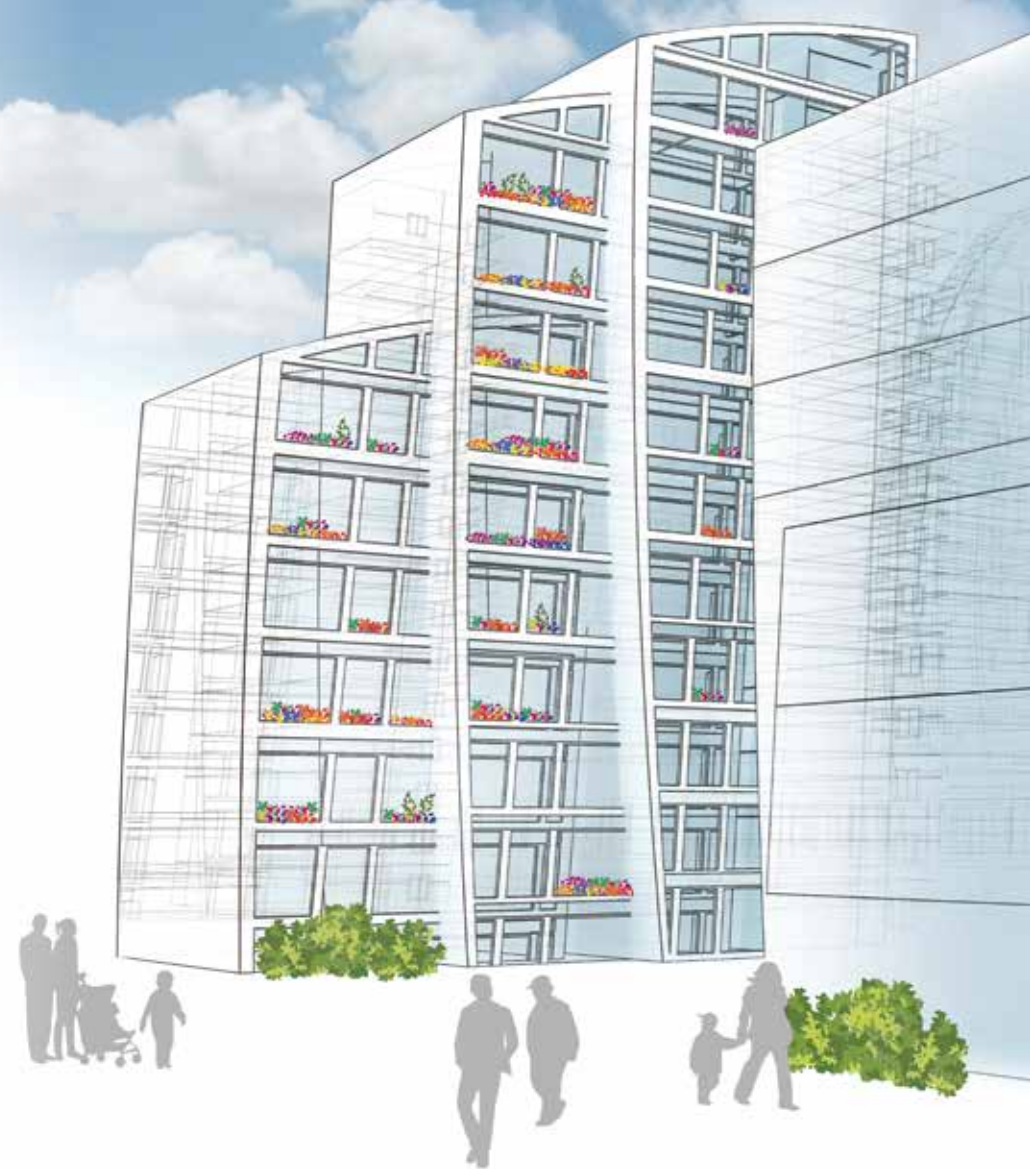
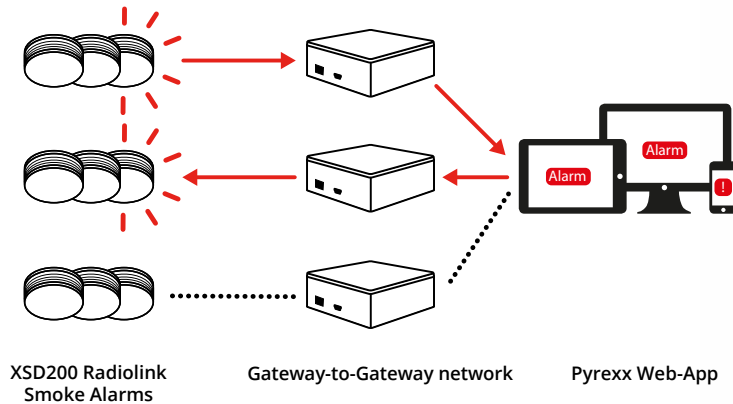


Solutions for large Housing Complexes

Provided that integrated fire alarm systems are not mandatory, the PX-iP Wi-Fi Smoke Alarm System serves for early and reliable fire detection.

Ideal applications are e.g. apartment buildings, residential establishments, assisted living, day-care centres or container accommodation units.

For large-scale applications, multiple PX-iP Gateways can be networked with each other. The Pyrex Web-App assists service providers with the intuitive configuration of the PX-iP Gateway.





The Most Important Product Characteristics

Functions and features of the PX-iP Wi-Fi Smoke Alarm System:

Alarm forwarding per SMS or email: 24 hours a day	✓
In case of an alarm, the system displays the precise location, temperature specification as well as information about the affected room	✓
Further Status information includes contamination, battery status as well as the signal strength of the networked XSD200 Radiolink Smoke Alarm	✓
Configuration using the browser-based Pyrex Web-App	✓
Optimal operational safety through emergency power supply and integrated SIM card that provides sufficient free data volume (Data volume for use within EU, 2G network coverage in your country needed)	✓
PX-iP Gateways include a networking function	✓
Each Gateway can connect a maximum number of 15 XSD200 Smoke Alarms to the internet	✓
PX-iP Gateways are maintenance free	✓
Phone call alarm notifications available as an upgradable feature	✓

Smart Maintenance Management Software

The Pyrex Web-App is a versatile software that not only has a configuration and control function for the PX-iP Gateway, but can also register annual testing and maintenance performed on smoke alarms or other devices.

The modern and intuitive design of this browser-based application is optimised for private and commercial use and can be operated on all devices.

Additionally the maintenance management software offers comprehensive additional features for service providers.

Using the Pyrex Web-App, maintenance protocols can be downloaded as PDF.



pyrexX
Software



Adhesive Mounting



Every smoke alarm device comes with a magnet carrier with an adhesive gel pad. With this certificated mounting technology, all Pyrex smoke Alarms can be firmly and reliably attached to virtually any ceiling surface structure, in compliance with the German user standard DIN 14676.

Accessory

Diagnostic Device for Smoke Alarms

With the RWM MC, service providers receive information about the smoke chamber value of the XSD100 or XSD200. Quick maintenance directly at any smoke alarm gives you the most important status information in seconds. Furthermore, it is possible to check if the smoke detector has meanwhile detected any test key events, like contamination, battery or smoke alarms.



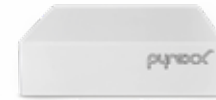
Technical Specifications

Pyrex devices are all Made in Germany, in accordance with RoHS Directives and CE certificate

XSD100 Stand-Alone and XSD200 Radiolink Smoke Alarm

Dimensions in mm (Ø x H) 105 x 40,5

	XSD100	XSD200
Certified adhesive mounting system	✓	✓
Silent Mode	✓	✓
Suitable for the kitchen thanks to condensation barriers	✓	✓
Bedroom suitable (no disturbing LED)	✓	✓
Suitable for installation in mobile homes	✓	✓
Large, user-friendly test/stop button (78 cm²)	✓	✓
3 x insect protection	✓	✓
Bi-sensor processor technology (smoke and heat)	✓	✓
Active contamination compensation	✓	✓
Cyclical genuine self-test function	✓	✓
Intelligent software analysis of the sensor values	✓	✓
Alarm sound output: 85 dB	✓	✓
60 m² detection range (depending on the structural circumstances)	✓	✓
EN 14604, KRIWAN	✓	✓
German quality label Q	✓	✓
Service life of the lithium battery(ies) in years	10	10
Warranty in years	10	10
Maximum number of networked smoke alarms per radio group	-	15
Maximum number of networkable radio groups	-	15
Transmission paths: 400 m (± 10 %) in the open field	-	✓
Frequency: 868.3 MHz	-	✓



PX-iP Gateway

Dimensions in mm (L x W x H) 100 x 100 x 36

Wireless networking with the XSD200 Radiolink Smoke Alarms	✓
Frequency: 868.3 MHz	✓
Data encryption: AES256	✓
Transmission paths 400 m (± 10 %) in the open field	✓
Maximum number of interconnected XSD200 Smoke alarms	14
Gateway-to-Gateway network	✓
LAN, Wi-Fi according to IEEE 802.11b/g/n and GSM (backup)	✓
Software can be updated	✓
32-bit processor	✓
Operation using the browser-based Pyrex Web-App	✓
Scope of delivery includes USB power unit, USB cable and LAN cable	✓

PX-AR Alarm Relay

Dimensions in mm (L x W x H) 54 x 54 x 22

Wireless networking with the XSD200 Radiolink Smoke Alarms	✓
Frequency: 868.3 MHz	✓
Data encryption: AES256	✓
Transmission paths: 400 m (± 10 %) in the open field	✓
Alarm output port: Relay with change-over, 3 V to 30 V, 1-100 mA	✓
Potential-free alarm input port: max. 24 V	✓
Alarm buzzer	✓



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