X-Sense FS121

X-Sense Wi-Fi Smoke Detector Kit (FS121) User Manual

Model: FS121 Set with SBS50 Base Station

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your X-Sense Wi-Fi Smoke Detector Kit (FS121) with SBS50 Base Station. This smart home security system is designed to provide reliable smoke detection and instant alerts, ensuring the safety of your home and family. Please read this manual thoroughly before use and retain it for future reference.

Image 1.1: X-Sense Wi-Fi Smoke Detector Kit components including the SBS50 Base Station, multiple XS01-M smoke detectors, and a smartphone displaying the X-Sense Home Security app interface.

2. WHAT'S IN THE BOX

The X-Sense Wi-Fi Smoke Detector Kit (FS121) includes the following components:

- 12 × X-Sense XS01-M Wi-Fi Smoke Detectors
- 12 × CR123A Batteries (pre-installed in detectors)
- 12 × Mounting Brackets
- 24 × Screws
- 24 × Wall Plugs
- 1 × SBS50 Base Station
- 1 × Power Adapter for Base Station
- 1 × Power Cable for Base Station
- 1 × User Manual

Image 2.1: All components of the X-Sense Smoke Detector Kit, including the base station, multiple smoke detectors, mounting hardware, power adapter, and cables.

3. PRODUCT OVERVIEW

The X-Sense Wi-Fi Smoke Detector Kit provides comprehensive smoke detection with smart features for enhanced home safety.

Key Features:

- **Instant App Alerts:** Receive immediate notifications on your smartphone when smoke is detected.

- **Interconnected System:** The SBS50 Base Station links all smoke detectors, ensuring all alarms sound simultaneously throughout your home.
- **Smart Home Integration:** The Base Station supports up to 50 X-Sense devices, including smoke detectors (XS01-M), carbon monoxide detectors (XC01-M), heat detectors (XH02-M), thermo-hygrometers (STH51), and water leak detectors (SWS51).
- **Remote Monitoring:** Monitor your home's safety status from anywhere via the X-Sense Home Security app.
- **One-Button Control:** Easily connect the Base Station to your Wi-Fi and silence alarms via the app or the Base Station button.
- **Loud Alarms:** The Base Station features a 100 dB alarm, and each interconnected detector sounds at 85 dB to ensure everyone is alerted.
- **Family Sharing:** Share device control and notifications with up to 12 family members through the app.
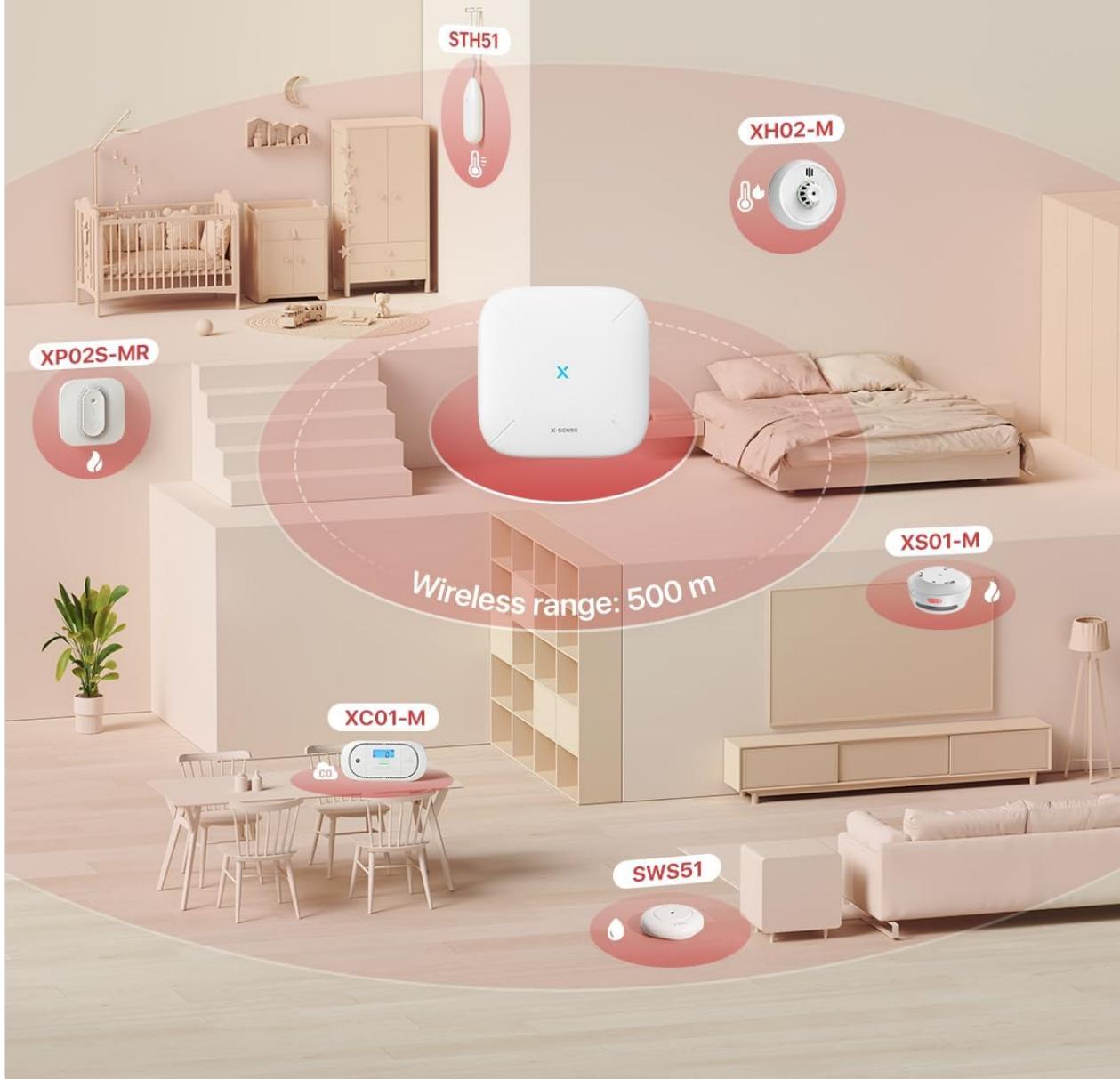
Image 3.1: The SBS50 Base Station acting as a central hub, wirelessly connecting to various X-Sense smart home devices like smoke detectors, CO detectors, and water sensors across different rooms.

**All Alarms**
Sound As One
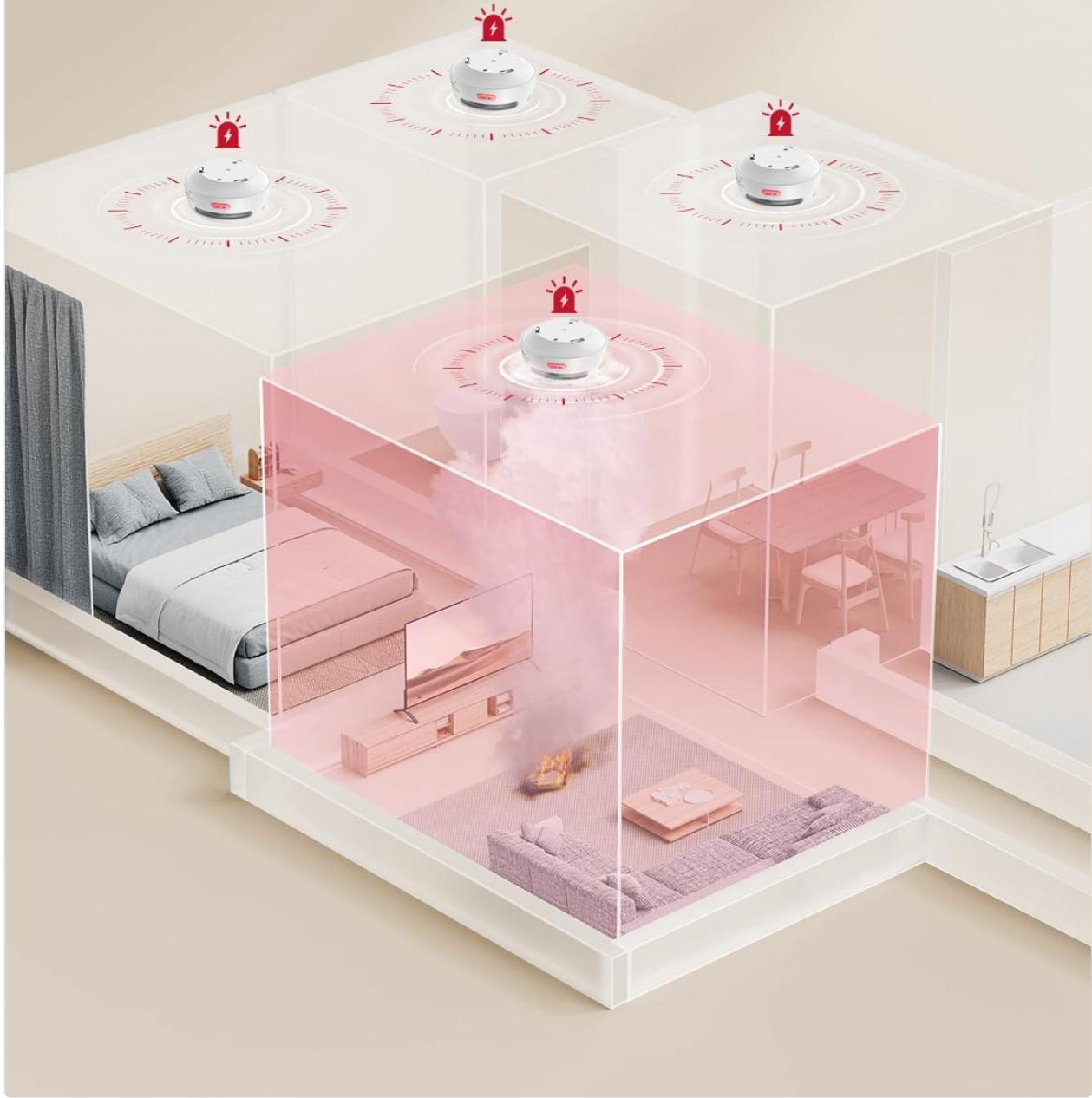
Image 3.2: A house diagram showing multiple smoke detectors interlinked, with one detector triggering an alarm that causes all other connected detectors to sound simultaneously.

4. SETUP

Follow these steps to set up your X-Sense Wi-Fi Smoke Detector Kit:

4.1. Install Batteries in Smoke Detectors

1. Remove the mounting bracket from the back of each XS01-M smoke detector by twisting it counter-clockwise.

2. Locate the battery compartment. The CR123A battery is pre-installed; remove the plastic insulating tab to activate the battery.

3. Close the battery compartment securely.

4.2. Mount Smoke Detectors

Choose appropriate locations for your smoke detectors, typically on ceilings or high on walls, away from corners and vents. Refer to local regulations for specific placement guidelines.

1. Using the mounting bracket as a template, mark the positions for the two screw holes on the ceiling or wall.

2. Drill holes at the marked positions. Insert the wall plugs if mounting into drywall or plaster.

3. Attach the mounting bracket using the provided screws.

4. Align the smoke detector with the mounted bracket and twist clockwise until it clicks into place.

4.3. Set Up the SBS50 Base Station

1. Place the SBS50 Base Station in a central location within your home, ensuring it is within range of your Wi-Fi router and all smoke detectors.

2. Connect the power adapter to the Base Station and plug it into a power outlet.

3. Download the **X-Sense Home Security** app from your smartphone's app store (available for iOS and Android).

4. Open the app and follow the on-screen instructions to create an account and add the SBS50 Base Station. Ensure your Wi-Fi network is 2.4 GHz, as the system is incompatible with 5 GHz networks.

5. Once the Base Station is connected, use the app to add each XS01-M smoke detector by scanning its QR code or following the in-app pairing process.

5. OPERATING INSTRUCTIONS

Your X-Sense system is designed for ease of use and continuous monitoring.

5.1. Receiving Alerts

When smoke is detected, the following will occur:

- The triggering smoke detector will sound its 85 dB alarm.
- All other interconnected smoke detectors will also sound their 85 dB alarms.
- The SBS50 Base Station will sound its 100 dB alarm.
- You will receive an instant notification on your smartphone via the X-Sense Home Security app.
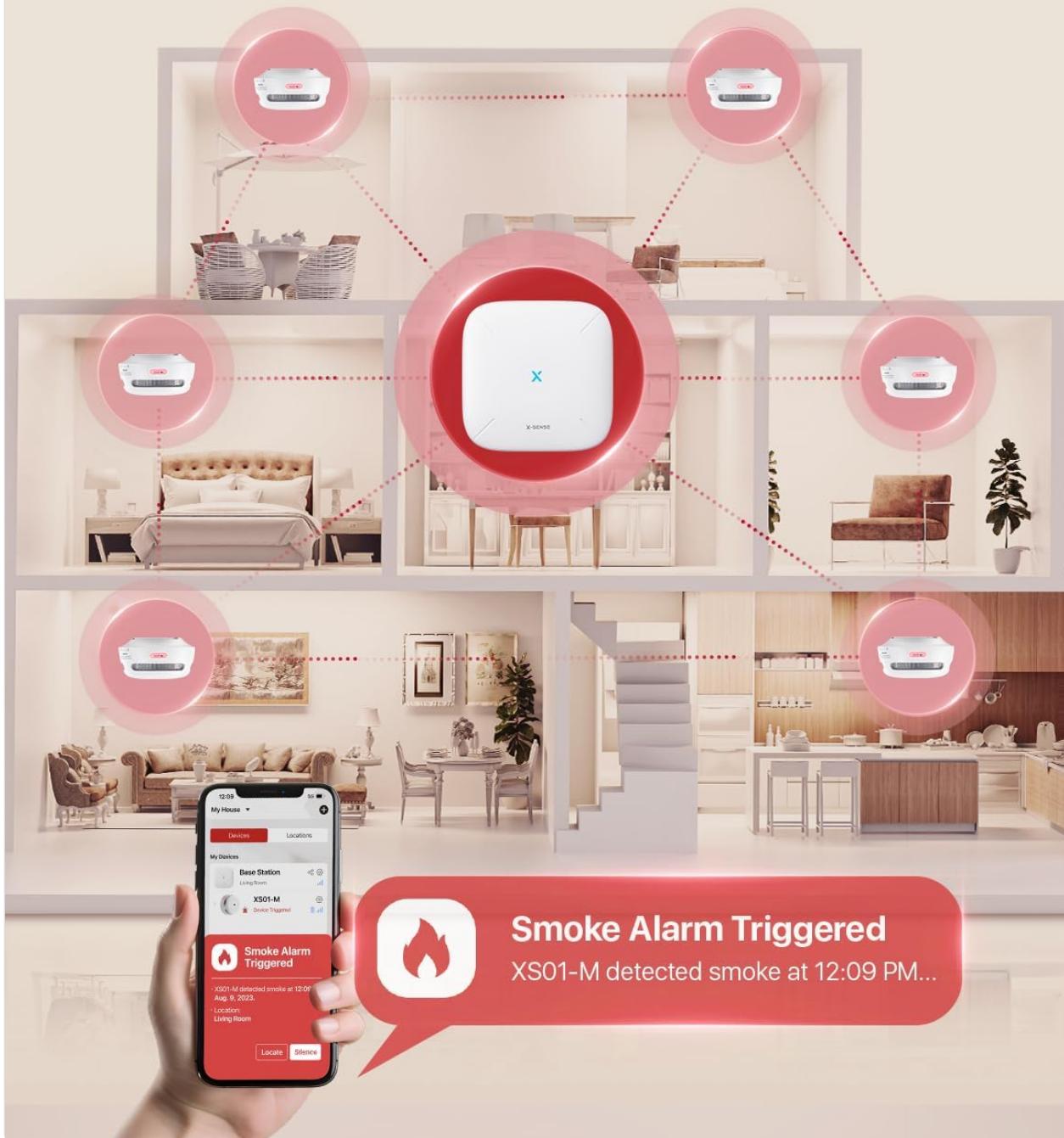
Image 5.1: A smartphone screen showing an alert from the X-Sense Home Security app indicating that a smoke alarm has been triggered, along with the time and location.

5.2. Silencing Alarms

You can silence an alarm using two methods:

- **Via the App:** Open the X-Sense Home Security app and tap the 'Silence' button on the alarm notification.
- **Via the Base Station:** Press the silence button on the SBS50 Base Station.

Note: Silencing an alarm will temporarily mute all interconnected devices. If smoke levels remain high, the alarm will reactivate after a short period.

Mute Effortlessly with Just One Button

1 Base Station

Smoke Alarm Triggered

XS01-M detected smoke at 12:09 PM, Aug. 9, 2023.

Location:
Living Room

Locate Silence

2 In the App

Image 5.2: A close-up view of the physical silence button on the X-Sense Base Station, alongside a screenshot of the X-Sense app showing the 'Silence' option for an active alarm.

5.3. Testing the System

Regular testing is crucial to ensure your system is functioning correctly.

- **Via the App:** Open the X-Sense Home Security app, navigate to the device settings, and tap 'Device Test'. This will activate a test of the alarm.

Image 5.3: A hand interacting with the X-Sense Home Security app on a smartphone, specifically tapping the 'Device Test' button to initiate a system check.

5.4. Family Sharing

To allow other family members to monitor and control the system:

1. In the X-Sense Home Security app, go to the 'Settings' or 'Profile' section.
2. Select 'Family Management' or 'Share Device'.
3. Follow the instructions to invite family members via their X-Sense accounts. They will then receive notifications and be able to interact with the system.

Image 5.4: An illustration depicting multiple individuals receiving notifications on their smartphones, symbolizing the family sharing feature of the X-Sense Home Security app.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliability of your smoke detector kit.

6.1. Battery Replacement

The XS01-M smoke detectors use CR123A batteries. The app will notify you of low battery status. Replace batteries promptly when indicated.

1. Twist the smoke detector counter-clockwise to remove it from its mounting bracket.
2. Open the battery compartment.
3. Remove the old CR123A battery and insert a new one, observing the correct polarity (+/-).
4. Close the battery compartment and reattach the detector to its mounting bracket by twisting clockwise.

6.2. Cleaning

Dust and debris can affect the performance of your smoke detectors. Clean them regularly:

- Gently vacuum the exterior of each smoke detector using a soft brush attachment.
- Wipe the exterior with a clean, damp cloth. Do not use cleaning agents or solvents.
- Ensure no moisture enters the device.

6.3. Regular Testing

Test your smoke detectors at least once a month using the app's test function or by pressing the test button on each detector (if available). This confirms the alarm and connectivity are working.

7. TROUBLESHOOTING

If you encounter issues with your X-Sense Wi-Fi Smoke Detector Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No app notifications	Base Station offline, app permissions, phone settings	Ensure Base Station is powered and connected to 2.4 GHz Wi-Fi. Check app notification permissions on your phone. Verify internet connection.
Smoke detector not connecting to Base Station	Out of range, battery low, pairing issue	Move detector closer to Base Station. Replace battery. Re-pair the detector via the X-Sense Home Security app.
False alarms	Dust, steam, cooking fumes, incorrect placement	Clean the detector. Relocate the detector away from kitchens, bathrooms, or dusty areas. Test the detector after cleaning/relocation.
Base Station not connecting to Wi-Fi	Incorrect Wi-Fi band, weak signal, incorrect password	Ensure your Wi-Fi is 2.4 GHz. Move Base Station closer to router. Double-check Wi-Fi password. Restart router and Base Station.
Alarms not interlinking	Detectors not paired, Base Station offline	Verify all detectors are successfully paired with the Base Station in the app. Ensure Base Station is online.

8. SPECIFICATIONS

Feature	Detail
Brand	X-Sense
Model Number	FS121

Feature	Detail
Product Dimensions	25.6 x 15.5 x 17 cm (Kit); 7.8P x 7.8L x 4.9H cm (Individual Detector)
Item Weight	102 grams (Individual Detector)
Power Source	Battery Powered (Detectors); AC Adapter (Base Station)
Battery Type (Detectors)	CR123A Lithium (12 included)
Color	White
Alarm Sound Level	85 dB (Detectors); 100 dB (Base Station)
Wi-Fi Compatibility	2.4 GHz (not compatible with 5 GHz)
Max Devices per Base Station	50
Compatible Devices	XS01-M Smoke Detector, XC01-M CO Detector, XH02-M Heat Detector, SWS51 Water Detector, STH51 Thermo-Hygrometer

9. WARRANTY & SUPPORT

For warranty information, technical support, or customer service inquiries, please refer to the official X-Sense website or contact their customer support directly. Details are typically provided in the product packaging or on the manufacturer's website.

You can visit the X-Sense Store on Amazon for more information: X-Sense Amazon Store

Related Documents - FS121

[X-SENSE FS121 Smoke Alarm Kits: Base Station SBS50 & Smart Alarms XS01-M Product Specifications](#)
Detailed product specifications for the X-SENSE FS121 Smoke Alarm Kits, including the SBS50 Base Station and XS01-M Smart Smoke Alarms. Features, technical data, working modes, and ordering information.

	[X-SENSE Link+ Pro Smoke Alarm & Base Station User Manual](#) User manual for the X-SENSE Link+ Pro smoke alarm system, featuring the XP02S-MR smoke alarm and SBS50 base station. Learn about photoelectric detection, wireless interconnection, app integration, installation, and safety.
	**[X-SENSE SC07-WX Wi-Fi Smoke & CO Alarm User Manual	Installation & Safety Guide](#)** Comprehensive user manual for the X-SENSE SC07-WX Wi-Fi Combination Smoke and Carbon Monoxide Alarm. Learn about setup, installation, operation, troubleshooting, and safety features for reliable home protection.
	[X-Sense XSOB-IR Wi-Fi Smoke Alarm User Manual](#) Comprehensive user manual for the X-Sense XSOB-IR Wi-Fi Smoke Alarm, covering installation, setup, features, maintenance, and troubleshooting. Learn how to connect, test, and maintain your smoke detector for optimal home fire safety.
	[X-SENSE XS01-WT Wi-Fi Smoke Alarm User Manual](#) User manual for the X-SENSE XS01-WT Wi-Fi Smoke Alarm. Learn about installation, setup via EZ/AP modes, safety precautions, maintenance, and troubleshooting for effective home fire detection.
	[X-Sense XS01-WX Wi-Fi Smoke Alarm User Manual](#) Comprehensive user manual for the X-Sense XS01-WX Wi-Fi Smoke Alarm, detailing installation, setup, operation, safety, and troubleshooting. Available in multiple languages.