



205

WIRELESS SMOKE DETECTOR

INSTALLATION INSTRUCTION

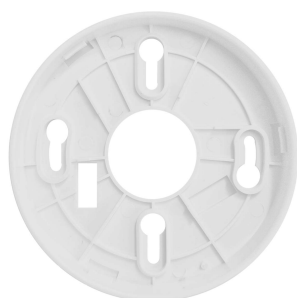
1. INFORMATION

The smoke detector 205 is an OEM product with a communication range of up to 30 to 40 meters indoors, operating within the SECOLINK intruder alarm system using the EXTNUM module.

This instruction is designed to familiarize the installer with the step-by-step process for adding a detector to the SECOLINK system. For information on recommended and unsuitable locations for installing the detector, and the installation itself, please refer to the OEM instructions.

2. DETECTOR

1. Remove the detector from its base by rotating it counterclockwise.
2. The detector's serial number is printed on the label, as shown in the picture below.

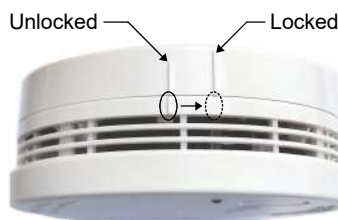


Base



Detector

3. Install the detector according to the recommendations described in the OEM instruction.
4. Install the CR123A battery, ensuring the correct polarity.
5. Align the detector with the base and rotate it clockwise to lock it into place (see image below).



3. PROGRAMMING

Enter service mode (default PIN codes: first user – **0001**, service – **0000**):

☞ Main menu ▶ Service Mode ▶ System Setup ▶ Zones

3.1. CONFIGURING ZONE ADDRESS

1. Press [7] or [*] for the next zone.
2. Give an appropriate name to the zone **1**.
3. Enter the correct zone address in **MA_Z** format **2**, where **MA** is a module address in the system and **Z** is a zone number in the module.
4. Enable zone using loop type **Wireless** **3**.

Z01 Smoke		
1 Name	Smoke	1
2 Address	06_1	2
3 Loop type	Wireless	3
...		

Default module address:

- ♦ EXTNUM – 06

3.2. ENROLMENT

Enrolment using a serial number is a two-step process:

- ♦ **1step.** Enter the detector's serial number **4**. The keypad will identify the detector type **5** and display the model and the battery required.

Z01 Smoke		
1 Name	Smoke	
2 Address	06_1	
3 Loop type	Wireless	
4 Serial No.	4194304	4
Model	205	5
Battery	CR123A	
...		

❗ **TIP!** When enrolling, the detector must be within range of the receiver. However, it's still good practice to bring the detector as close as possible to the panel during enrollment.

- ♦ **2step.** SERVICE MODE DOES NOT HAVE TO BE ENTERED AT THIS STEP! To complete enrolment, the detector must be activated to send a signal to the receiver. It could be done by pressing and holding the TEST / SILENCE button for 3 seconds. **Important:** the detector has a built-in siren, and during violation, a loud pulsating signal will sound, accompanied by the LED flashing rapidly. Once the receiver receives a signal from the detector, it will trigger the zone, marking the end of the enrollment process.



3.3. SUPERVISORY WINDOW

The wireless smoke detector 205 sends a supervision signal to the receiver every 1 hour. If the system does not receive supervision (or alarm signal) from a specific detector, the detector is regarded as inactive. The amount of time after which a detector is considered inactive is called the *Supervisory window* **6**.

Z01 Living room		
8 Supervisory window	1h	6

4. OPERATION

Upon detecting smoke, the detector activates an audible signal and sends a notification to the system. The control panel screen will display the message "Alarm!!!" along with the zone name, the siren will sound, and a report and notification will be sent to the security service and/or the user.

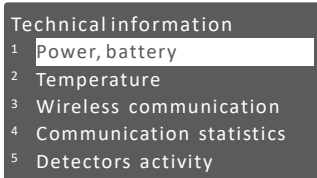
The alarm can be silenced in several ways: from the control panel, using the remote control, the SECOLINK PRO app, or by phone (via SMS or a call). After silencing the alarm, the smoke detector's zone will be inactive for 9 minutes. During this time, the premises should be ventilated. After 9 minutes, the detector will become active again, and if smoke is detected, it will reactivate the audible signal and send a fire zone activation signal to the system.

If the premises cannot be ventilated within 9 minutes, the smoke detector's zone can be temporarily bypassed. In this case, if smoke is detected again, the smoke detector will briefly activate the audible signal, but the control panel or any other sound or light devices connected to the alarm system will not be triggered.

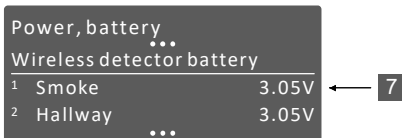
5. TECHNICAL INFORMATION

To evaluate wireless detector work get into technical information menu:

Technical information



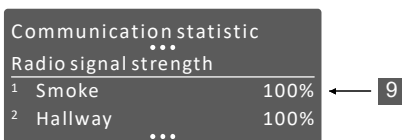
Battery life of wireless detectors depends on the environment, usage, and the specific wireless devices being used. Factors such as humidity, high or especially low temperatures, large variations in temperature may all reduce the actual battery life in a given installation. When the battery is nearly dead (voltage < 2.7V), the detector will send a low battery signal to the alarm system for the user to replace it before it discharges completely ⁷.



Supervisory is expressed in percentages ⁸. This value indicates how well the detector and receiver communicates. Take the necessary actions to improve the signal quality if the supervisory value is not in an acceptable range! Even a simple action, like changing the location of the detector might significantly improve the reception quality.

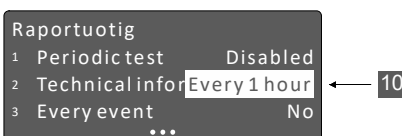


Radio signal strength in a wireless environment indicates how well the control panel or module can „hear“ a signal from the detector ⁹.



To keep the system well maintained it is recommended for installers to use ALARMSERVER.NET online services. To see the extended technical information, the system should be added to the installer's account and should be programmed to periodically send the technical information to the server ¹⁰.

Main menu ▶ **Settings** ▶ www.alarmserver.net ▶ **Reporting** ▶ **Technical information**



Remove checkbox ¹¹ to see specific parameter values.

ALARMSERVER.NET									
Search ¹¹									
System technical status ¹¹ Scale/Number									
Measurement	Voltage	Current	Temperat.	Supervis.	rsi, GSM	Mode, Grade	Battery	Activ.	Updated
Smoke	-	-	-	100 %		ES,GRD2	CR123		2018-10-31 10:59
Hallway	-	-	21.5 °C	100 %		ES,GRD2	CR2		2018-10-31 10:59
Living room	-	-	21.5 °C	100 %		ES,GRD2	CR2		2018-10-31 10:59
Bedroom	-	-	20 °C	99 %		LR,GRD2	ER14250		2018-10-31 10:59

6. TEST

Enter test mode menu:

Main menu ▶ **Test** ▶ **Fire zone test**

When a signal from the detector is received the zone is marked with # ¹². To end testing press [ENT].



Keypad KM24G or KM25 has a feature that allows you to choose one or more zones that need to be tested ¹³. To select the zone(s) use the keypad key [#]

7. SUMMARY

Compatibility	EXTNUM
Communication	Two way
Type	Wireless
Uses	Indoor
Tamper switch	No
Operating frequency	433 MHz
Periodic supervision signal	Every 1h
Supervisory window	1h
Communication range in building	Up to 30 - 40 m
Power supply (voltage)	Battery CR123A (3V)
Battery life time	~5 years
Operating humidity	10% ~ 90%, non-condensing
Operating temperature	From 0°C up to +55°C
Overall dimensions	100 x 37 mm

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