



# SECOLink 205 Wireless Smoke Detector Installation Guide

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# SECOLink 205 Wireless Smoke Detector Installation Guide



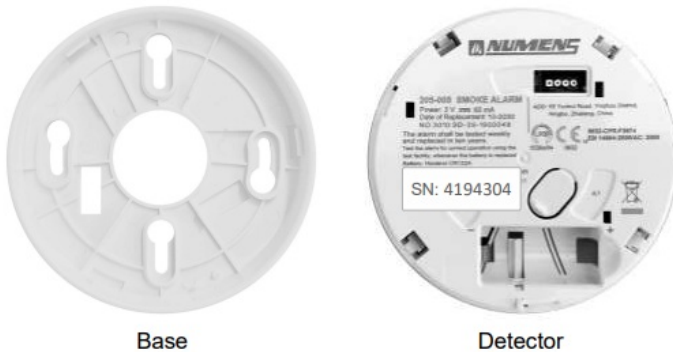
## INFORMATION

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.

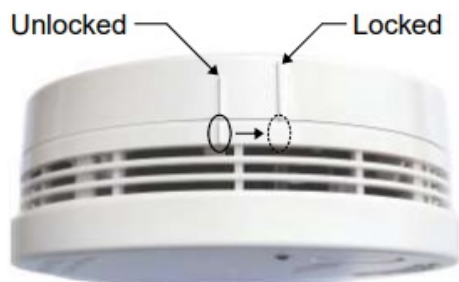
This instruction is designed to familiarize the installer with the step-by- step process for adding a detector to the SECOLINK system. For information on recommended and unsuitable locations for installing the detector, and the installation itself, please refer to the OEM instructions

## DETECTOR

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



3. Remove the detector from its base by rotating it
4. Install the CR123A battery, ensuring the correct
5. Align the detector with the base and rotate it clockwise to lock it into place (see image below).



## PROGRAMMING

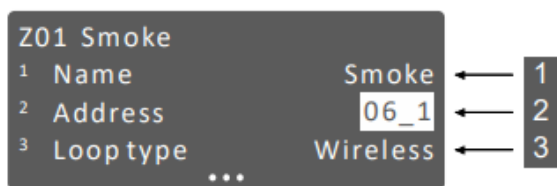
Enter service mode (default PIN codes: first user – **0001**, service – **0000**):

*Main menu Service Mode System Setup Zones*

### 3.1. CONFIGURING ZONE ADDRESS

Press [7] or [\*] for the next

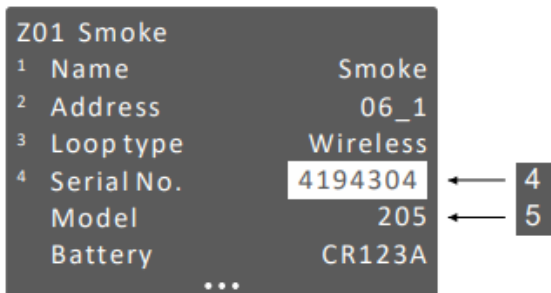
- Give an appropriate name to the zone 1 .
- Enter the correct zone address in *MA\_Z* format 2 , where *MA* is a module address in the system and *Z* is a zone number in the
- Enable zone using loop type *Wireless* 3



## ENROLMENT

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

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



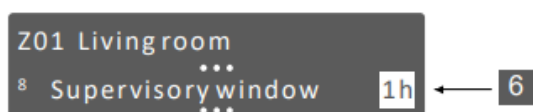
**TIP!** When enrolling, the detector must be within range of the receiver. However, it's still good practice to bring the detector as close as possible to the panel during enrollment.

**2 step.** 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



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) 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 .



## 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.

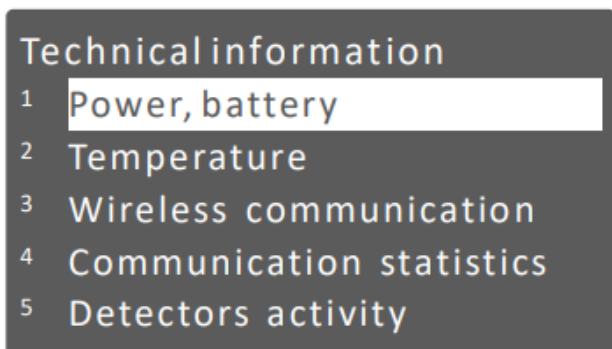
The alarm can be silenced in several ways: from the control panel, using the remote control, the SECOLINK PRO app, or by phone (via SMS or a call). After silencing the alarm, the smoke detector’s zone will be inactive for 9 minutes. During this time, the premises should be ventilated. After 9 minutes, 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

## TECHNICAL INFORMATION

To evaluate wireless detector work get into technical information menu:

- *Technical information*



Battery life of wireless detectors depends on the environment, usage, Periodic supervision signal Every 1h 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

Supervisory window

Power, battery		
...		
Wireless detector battery		
1	Smoke	3.05V
2	Hallway	3.05V
...		

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

Communication statistics		
Supervisory received		
1	Smoke	100%
2	Hallway	100%
...		

8

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

Communication statistic		
...		
Radio signal strength		
1	Smoke	100%
2	Hallway	100%
...		

9

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](http://www.alarmserver.net) Reporting Technical information

Raportuotig		
1	Periodic test	Disabled
2	Technical infor	Every 1 hour
3	Every event	No
...		

10

Remove checkbox 11 to see specific parameter values.

ALARMSEVER.NET									
Search 11									
System technical status									
Measurement	Voltage	Current	Temperat.	Supervis.	rssi, GSM	Mode,Grade	Battery	Activ.	Updated
Smoke	-	-	-	100 %	100 %	ES,GRD2	CR123	↑↑↑	2018-10-31 10:59
Hallway	-	-	21.5 °C	100 %	100 %	ES,GRD2	CR2	↑↑↑	2018-10-31 10:59
Living room	-	-	21.5 °C	100 %	100 %	ES,GRD2	CR2	↑↑↑	2018-10-31 10:59
Bedroom	-	-	20 °C	99 %	100 %	LR,GRD2	EP14250	↑↑↑	2018-10-31 10:59

## 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

CONTACT US

## Manufacturer:


Company: UAB "Kodinis Raktas"

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## Documents / Resources

	<p><a href="#">SECOLink 205 Wireless Smoke Detector</a> [pdf] Installation Guide 205, 205 Wireless Smoke Detector, Wireless Smoke Detector, Smoke Detector, Detector</p>
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## References

- [🌐 Online services for security systems](#)
- [🌐 Online services for security systems](#)
- [🌐 Apsaugos sistemos - Secolink](#)
- [User Manual](#)

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