# Multisensor Plus

## Brief Information

The new **"Multisensor Plus"** exclusively distributed by Techem and manufactured by FireAngel, is a modern radio multifunctional smoke alarm that, in addition to classic smoke detection, also features heat and carbon monoxide (CO) detection, as well as temperature and humidity sensors to monitor indoor climate. The device in the **"Multisensor Plus Kitchen"** variant (distinguishable by the kitchen stove symbol on the front and item number) can, unlike a conventional smoke alarm, be used in the kitchen for fire detection through the heat/CO sensor by deactivating the smoke detection. This way, alarms caused by steam, for example, can be avoided.

## Features

Here are a selection of features for the new Multisensor Plus multifunctional smoke alarm:

| Smoke-/ Heat-/ CO-notification | Optimized Alarm Tone | Networked detectors (grouping) | 10- year Long-Life Battery | Assistance Light | Automatic Self-Test every 2 weeks | Ventilation-Advice | Climate-Monitoring | Additional Specifications According to the Operating Manual |
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## Signaling

| | Function | Tone | LED | Operation | Reference to Manual Chapter |
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| | Normal Operation | Silent | Green – once per Minute | No Action required | |
| | Smoke / Heat Alarm | 1 second Alarm Tone in 2 frequencies; 1 second Pause | Red (smkoke/heat) 1 Second Flashing, 1 Second Pause; Assistance light also in the dark | Follow the instructions on the cover page of the operating manual. Identify the source of the alarm, if possible. No operation on the device necessary. | Fire Safety Instructions. |
| | CO Alarm | 4 short warning tones in 2 frequencies, 4 seconds pause | Red (CO) – 4 short flashes, 4 seconds pause; Assistance light also in the dark | Follow the instructions on the cover page of the operating manual. Identify the source of the alarm, if possible. No operation on the device necessary. | Carbon Monoxide (CO) – Important Instructions |
| | Fault / Malfunction | Short, quiet signal tone | Yellow – flashing | Remove cause of malfunction (if possible) or report device defect. | Troubleshooting |
| | Ventilation advice | Silent | Orange - flashing | Turn down radiators, open windows wide and air out sharply for about 10 minutes. In rooms without windows, open the door to the next room and ventilate there. | |
| | User Function Check (Device Self-Test) | Quiet alarm tone | Green: Detector is okay. Yellow: Detector detects a fault | Press user button for 1-2 seconds → Quiet alarm tone: → Multisensor Plus OK → No alarm tone: → refer to Troubleshooting | Function Check |

If the device's self-test using the user button is unsuccessful, the following causes may be present:

1. Painting over, taping, or covering the Multisensor Plus
2. Dismounting for more than 21 days
3. Objects within 50 cm of the device environment
4. Device defect.

Simple causes (see 1 to 3) can be fixed by the user.

## Device Description

No built-in camera

No built-in microphone



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| 1 Ventilation indicator LED | 7 Smoke/heat alarm LED |
| 2 Assistance light with brightness sensor | 8 CO alarm LED |
| 3 User button | 9 Error LED |
| 4 Heat sensor | 10 Power LED |
| 5 Smoke inlet opening | 11 Acoustic opening |
| 6 Distance sensors | |