

## Advantage through innovation - SeCa CC100 PREMIUM

### Model S smoke detector with S 100 PREMIUM radio module

#### Function



An optical smoke detector, according to EN 14604 and appendix L (higher resistance to temperature changes makes it particularly immune to false alarms). It includes a lithium battery, an integrated horn for an acoustic alarm, and a display for radio disturbance or the need for battery replacement (30 days in advance).

With the integrated S 100 PREMIUM radio module, it transmits alarms, interruptions, and status reports to the CC100 PREMIUM radio fire alarm control panel or the 100 PREMIUM radio repeater. Radio transmission of status reports is handled according to EN 54-25 (can be set to 100 – 300 sec.). The alarm's system parameters (e.g., horn settings, status reports) are set by radio signal from the control panel.

Item number: 5102048

#### System features

Unique to the SeCa CC100 PREMIUM are the ability to use model 100 cascading radio repeaters to quadruple the range, as well as special functions for project planning and commissioning. Using the automatic commissioning function, you can start a "search" and with the help of up to 6,000 signal strength measurements it determines all components' communication paths to the control panel. Successful commissioning gives you the security of a stable radio connection. In addition, the SeCa CC100 PREMIUM offers comprehensive service functions inspired by practical experience and the ideas of many installers. Among the most important: an integrated analyser, battery and signal strength testing, signal strength charts, commissioning and maintenance logs, event memory, and remote monitoring.

#### Areas of application

We recommend the SeCa CC100 PREMIUM for the following applications: Hotels and inns, retirement homes, youth hostels, military barracks, schools and preschools, offices and administrative buildings. The system can always be installed in compliance with the legal requirements for smoke detectors.

#### Technical data

Frequency:	Transmits via the ISM band
Broadcast technology:	bidirectional, synchronized synthesizer technology
Power supply:	9V square lithium battery, type LM9V-P, nominal capacity at least 1200 mAh. Use only original batteries (item No. 4800032) or high-quality, tested batteries.
Rated current:	type 54 µA at factory default
Power consumption, alarm:	type 40 mA
Battery life:	approx. 2 years (with radio parameters at factory default), not counting alarm activations. Variation from factory default settings and extreme environmental conditions can shorten battery life by up to 15 months.
Operating temperature:	-10°C to +60°C
Storage temperature:	-20°C to +60°C
Humidity range:	max. 95% relative air humidity/40°C
Acoustic indicator:	Horn, 85 dB (at 3 m distance)
Optical display:	LED
Dimensions:	Height 51 mm, diameter 100 mm, weight approx. 120 g
Material / colour:	Plastic, white
EC-certificate of conformity:	0786-CPD-20304 / -20682
SeCa reserve the right to make changes.	