

Supercom 323

Radio Module for Ei Electronics® smoke detectors



Application

The radio module **Supercom 323** enables distant check of installed smoke detectors, and thereby could save costly inspections. The radio module is suitable for the following Ei Electronics® smoke detector:

- Ei650FA

Thanks to the bidirectional radio system SONTEX, it is possible to readout the stored data in the radio module via a mobile radio modem Supercom 636 or via a radio concentrator Supercom 646. The radio module can be retrofitted at any time without impairing the functioning of the smoke detector.

Function

The battery-operated radio module **Supercom 323**, plugged into an Ei Electronics smoke detector, stores status information of the smoke detector. The stored data can be accessed via the bidirectional radio communication SONTEX within the reception area of the readout device.

Parametrisation

Following parameters can be parametrised by radio with the software Tools Supercom:

- Date and time
- Password
- Reset of several stored data
- AES-128 encryption

Readout

Following parameters can be read out by radio with the software Tools Supercom:

- Smoke events (number and date of the last event)
- Battery status, dust level and sensor status
- Head removals (number, duration and date of the last event)
- Button tests (number and date of the last event)
- Automatic self-test (for the Ei650FA smoke detector, an automatic self-test of its sounder is performed during the readout)
- Date and time
- Module removals (date of the last event)

Accessibility

The radio module can be accessed by radio from 6h00 to 20h00, 7 days a week.

Technical Data

General

Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to 60 °C
Humidity range	15 % to 95 % RH non condensing

Radio

Frequency	433.82 MHz
Output power	max. 10 mW
Encryption	AES-128

Conformity



acc. to RED 2014/53/EU

Data Memory

Flash memory	non-volatile storage
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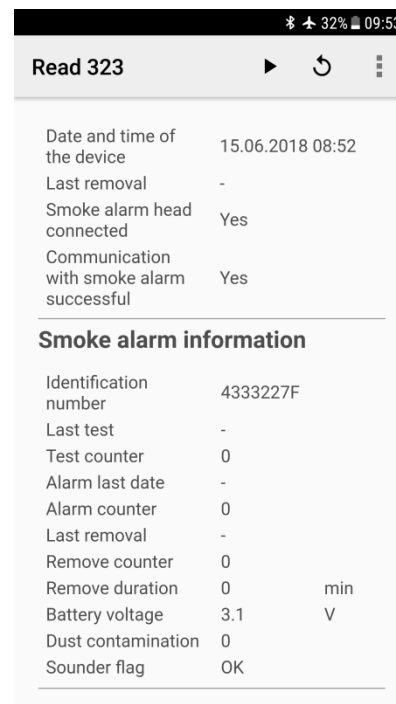
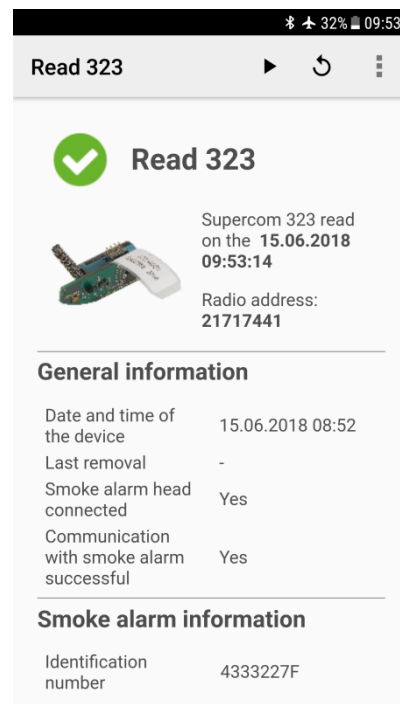
Power Supply

Main supply	3 V lithium battery
Lifespan	typically 10 + 1 years

Dimensions

Radio module	58.8 mm x 29.85 mm x 34 mm
Smoke detector	115 mm (D) x 50 mm (H)

Readout Example



Technical Support

For technical support, please contact your local Sontex agent or Sontex SA directly.

Sontex Hotline

sontex@sontex.ch, +41 32 488 30 04

Specifications are subject to change without notice.

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