

# Q smoke 5.5 R

## For the highest safety requirements.

The new radio smoke alarm device from QUNDIS for remote inspection.

The **Q smoke 5.5 R** rounds off the QUNDIS smoke alarm portfolio. It combines the highest safety standards with comprehensive functions, maximum reliability, efficiency and the outstanding radio characteristics of QUNDIS devices.

### Remote inspection

The **Q smoke 5.5 R** can be remotely inspected in accordance with the amended DIN 14676 standard. With a regular self-test of its functions the device checks a wide variety of parameters, and - via the integrated radio function - transmits the results to the tried-and-tested QUNDIS remote readout systems. This means that device status can be conveniently checked remotely at any time. An annual on-site inspection is not required. This simplifies processes and saves costs.

### Automatic environment monitoring

The Q smoke 5.5 R monitors the environment for obstacles (up to 50 cm) using ultrasound.

It is also able to detect deviations in its environment and learn them during its initial operational startup (up to 10 cm).

### Monitoring of smoke inlet

The direct smoke chamber inlet (exterior and interior) is regularly monitored by infrared signal attenuation measurement.

### Checking the acoustic signal generator

The acoustic signal generator (buzzer) of the smoke detector is regularly and automatically checked.

### Automatic operational readiness

After being screwed into the base, the smoke alarm goes into operation automatically and sends installation telegrams to the Q AMR radio network or Q walk-by test readout telegrams.

### Dismantling detection

The Q smoke 5.5 R detects the state of mounting or removal, and transmits this status to the radio system.



The radio smoke alarm device from QUNDIS for remote inspection Q smoke 5.5 R.

### Dirt compensation

The smoke detector regulates its basic signal according to its level of dirt and thus achieves a consistently high sensitivity with regard to smoke detection over its entire service life.

### QUNDIS-Support

Our support team provides support for the devices as usual. QUNDIS technicians are well trained in the product and smoke alarm installation.

## Key features

### Performance features

- › Certified according to DIN EN 14604:2005; installation, operation and maintenance according to DIN 14676
- › Regular functional test and transmission of device status by radio
- › 10-year battery life\*
- › Highest degree of safety provided by double testing of smoke entry by means of optical monitoring and ultrasonic scanning

### Radio characteristics

- › 868 MHz radio communication with the Q AMR (C- or S-mode) and Q walk-by (C-mode) systems
- › Transmission of status messages (e.g. functionality, opening detection, battery level) and alarms can be read out at any interval
- › Readout possible 365 days a year

### Mounting

- › Attachment by dowel/screw or adhesive pad

\* Battery not replaceable, in case of failure the smoke alarm has to be replaced. A battery fault message is generated if the supply voltage falls below this value.