

Nextriv Sense Door

Door and window contact sensor with tamper alarm

NX-SN-DOR

Nextriv Sense

A compact contact sensor for doors, windows and display cases, reporting every open/closed state change in real time. Built-in removal detection raises a separate tamper alarm when the device is pulled from its mounting surface. The magnetic contact operates across a 10–15 mm gap, and the sensor has a compact 50.5 × 31 × 18.5 mm footprint. A replaceable 1,200 mAh battery provides approx. 4.2–6.8 years of operation; mounting uses screws or 3M tape and configuration is handled over NFC.



Tamper

separate removal alarm

up to 6.8 yrs

battery life

10–15 mm

actuation gap

50 × 31 mm

compact sensor

Key features

- Immediate reporting of every open/closed state change, plus a periodic status report at the configured interval
- Built-in removal detection — a separate tamper event and alarm if the device is pulled from its mounting surface
- Magnetic reed switch with a 10–15 mm actuation gap
- Long-range radio — up to approx. 2 km in built-up areas / approx. 15 km in open terrain
- Approx. 4.2–6.8 years on one replaceable 1,200 mAh Li-SOCl₂ battery
- Contactless NFC configuration and a configurable reporting interval
- Compact components: 50.5 × 31 × 18.5 mm sensor (28 g) and 50.5 × 13.5 × 13 mm magnet (14 g)
- IP20 for indoor use; mounts on a flat surface with screws or 3M tape

Technical specification

Contact and tamper detection

Detection element	magnetic reed switch
Actuation gap	10–15 mm
State reporting	immediately on an open/closed change and periodically at the configured interval
Removal detection	a separate tamper event and alarm if the sensor is pulled from its mounting surface

Radio connectivity

Technology	long-range, low-power radio (LPWAN)
Sensor-gateway range	up to approx. 2 km in built-up areas / approx. 15 km in open terrain

Device features

Configuration	contactless configuration over NFC
Reporting interval	configurable
Alert rules	configured separately in the Nextriv platform for contact state and tamper alarm

Power

Battery	1× replaceable lithium Li-SOCl ₂ ER14250, 1,200 mAh
Battery life	approx. 4.2–6.8 years depending on radio conditions [1]

Enclosure and operating environment

Operating temperature	-20...60 °C
Ambient humidity	≤90 % RH, non-condensing
Ingress protection	IP20, for indoor use
Sensor	50.5 × 31 × 18.5 mm; 28 g
Magnet	50.5 × 13.5 × 13 mm; 14 g
Mounting	on a flat surface — screws or 3M tape

Ordering information

Product code (SKU)	NX-SN-DOR
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[1] The battery-life range is indicative; actual service life depends on configuration and radio conditions.

Specifications are subject to change without notice. The latest document versions are available in the download centre: nextriv.com/files. Questions: nextriv.com/contact.