



**NOXSYSTEMS**

perfecting your sense of security



**NOXTXO**

THE NEW SECURITY SYSTEM

# REACTS TO THE TINIEST OF CHANGES

*Thanks to its very compactly designed housing, the NOX TXO wireless detector tirelessly monitors paintings, sculptures and smaller exhibits while remaining unnoticed. The high-precision sensor technology and sophisticated electronics ensure interference-free and continuous security.*

Small, light and multifunctional, the NOX TXO represents a new era in security technology. Its unique configuration with the finest sensors turns this optical wireless detector into an all-rounder. The infrared sensor operating with contactless technology stands out on the one hand. On the other, the 3-axis acceleration sensor detects every movement while additional highly sensitive and calibrated sensors determine the temperature and humidity values. All of the data is transmitted wirelessly – also thanks to LoRa® technology which ensures both a high range and interference-resistant communication between the transmitters and receivers. The

information is evaluated in the NOX control unit which then transmits the corresponding alarm. Thanks to the bi-directional communication, device settings can be made individually and from a central location. The NOX TXO also stands out thanks to its durability: for the energy-saving functions of the hardware and software, and the power supply with two internal, commercially available batteries make it possible for the system to be operated over many years without requiring maintenance.



# SECURITY CAN BE MODIFIED.



## CONTACTLESS MONITORING

Nothing needs to be installed directly next to the object any more. Modern and convenient, the system operation is completely contactless and wireless.



## ENCRYPED WIRELESS TRANSMISSION

Optimized technologies make the transmission secure and insensitive to interference. The wireless range can easily cover several floors.



## ALARM ACTIVATION IN REAL TIME

The newly developed sensor detects the smallest movement and slightest touch and then immediately triggers a signal.



## CLIMATE SENSITIZATION

Each deviation in the temperature or air humidity results in a message. This way, any possible damage is anticipated beforehand.



## AMAZING BATTERY LIFE

Will you have to repeatedly change the batteries in the system protecting the exhibits? No, not for a long time. The commercially available batteries last for up to 3 years.



## SMALL, COMPACT, COMPLEX

- Dimensions (L×B×H): 75×60×14 mm
- Weight incl. batteries: 65 g
- Optical distance sensor
- 3-axis acceleration sensor
- Temperature sensor: -10°C to 50°C | ± 0.2%°C
- Moisture sensor: 0-100 rF | ± 2% rF
- 2 free external inputs, e.g. for connecting capacitive sensors or mechanical switches
- Battery life: 2 to 3 years
- Radio range: > 1500 m under open field conditions
- Bi-directional wireless transmission
- Modulation procedure with LoRa®-technology
- High resistance to manipulation and tampering
- Commercially available batteries
- AES 128 bit encryption





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Your specialist partner

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