

NYX GENERAL DESCRIPTION



OVERVIEW

The solar-powered, wireless IoT sensor NYX is an innovative solution for monitoring indoor environmental parameters. Solar-powered and only 8 mm thin, it offers a maintenance-free and attractive design for indoor spaces. The sensor detects temperature, relative humidity and ambient light. The sensor is available with LoRaWAN® and mioty® with different sensor configurations.

MAIN FEATURES

The sensor enables precise CO₂ measurement using reliable NDIR technology, accurately determining the CO₂ concentration in ppm. In addition, it records temperature and relative humidity, providing a comprehensive overview of indoor air quality. The integrated solar panel ensures self-sufficient operation, minimizing maintenance efforts. Installation is quick and easy, with flexible mounting options using screws or adhesive strips. NFC parameterization allows for convenient sensor configuration, while LoRaWAN® connectivity ensures energy-efficient data transmission and seamless integration into IoT systems.



SCOPE OF DELIVERY

1x Nyx sensor

2x adhesive strips for the wall mount

1x wall bracket

APPLICATION EXAMPLES

- The Nyx sensor is ideal for monitoring air quality in various indoor environments, including:
- Educational institutions: Ensuring a healthy indoor environment in classrooms and lecture halls.
- Office buildings: Optimizing air quality to increase employee well-being and productivity.
- Living spaces: monitoring indoor air to promote the health and comfort of occupants.
- Public facilities: Ensuring compliance with air quality standards in libraries, museums and other public spaces.
- By continuously monitoring the CO₂ concentration and other environmental parameters, the Nyx sensor helps to maintain a healthy and comfortable indoor climate and to react to changes in good time.