

TEMPERATURE SENSOR

XE range

The Nexmosphere XE range offers sensors that analyze and communicate environmental conditions. By detecting the surrounding circumstances, we enable the possibility to log and communicate these values, as well as actively respond to certain critical threshold levels such as high temperature.



Temperature sensor

The XE- Temperature sensor detects temperature and humidity levels and can be adhered to heat sensitive objects. Triggers can be used to build a log file for warranty evaluation and to send messages to centralized systems to help protect installations. This simplifies compliance to a growing body of regulations within the digital signage industry.

Features

- Temperature sensor -25°C to +75°C
- Humidity sensor 1 - 99%
- Multiple trigger modes
- Customizable trigger ranges

X-talk

The XE Temperature sensor can easily be connected to any of the Nexmosphere Xperience controllers using the X-talk interface. All settings of the XE sensor are programmable on the controller, enabling a seamless integration in your application.

- Plug and smile interface
- Compatible with any Nexmosphere Xperience controller
- Powered by and configurable with Nexmosphere Xperience controller

Temperature and Humidity sensor

The sensor measures both the temperature and humidity of the environment in which it is placed, enabling monitoring of system health and compliance conditions.

The sensor can provide the current degrees Celcius and humidity percentage on request as well as send a trigger when the temperature or humidity is within a specific range.

- Temperature -25°C to +75°C, humidity sensor 1 - 99%
- Auto trigger when temperature or humidity is within a specific range
- Customizable trigger ranges to adapt the sensor to your specific application

Benefits

- Unique cable connection (bottom feed or side feed) enables invisible cable installation
- Securely mounts on any flat surface, horizontal, vertical or angled
- Easy removable non-marking double-sided tape
- Status LED for visual feedback



XE-TEMPERATURE SENSOR

Mounting specifications

Mount the sensor as close as possible to the zone where you want to conduct the temperature and humidity measurements.

Thermal specifications

Operating temperature: +10°C...+40°C/ +50°F ... +104°F
Storage temperature: -20°C...+50°C/ -4°F ... +122°F

Electrical specifications

- Operating voltage: 5V DC (via X-talk interface)
- Power consumption: 50mA

Miscellaneous

- Custom cable lengths available on request (MOQ 50pcs)
- 1-year warranty (optional 3-year extended warranty available)

Packaging

Items per carton 1, 10 or 50 pcs

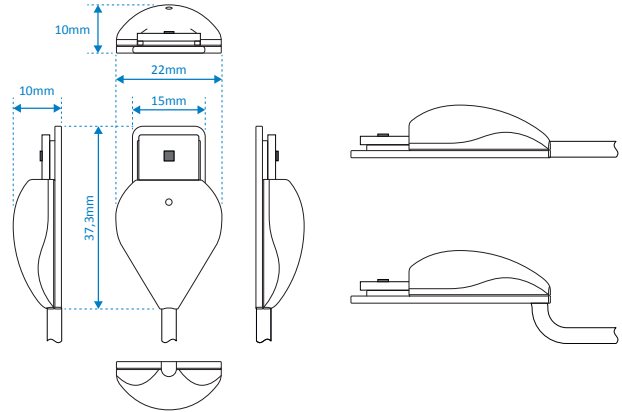
Standards and Certifications



RoHS
compliant

Mechanical dimensions

LxWxH: 37,3 x 22 x 10 mm
Fixation: Double-sided adhesive tape



Ordering information

Product ID **Description**

XE-T50 Temperature sensor, 180cm cable, white

Netto weight

20g

Quantity

1 pc

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