X-EYE PRESENCE & PROXIMITY

XY range

The Nexmosphere XY range offers a variety of sensors for detecting and analyzing the presence, distance, and demographics of the people in front of your interactive display or signage installation. Whether you want to increase the impact by triggering the right content at the right time, want to program attractive lighting changes and increase engagement or want to collect valuable data, the XY range has a sensor which provides the input to do so.

The X-Eye Presence sensor is a narrow-beam IR sensor which can detect if an object or person is present, and if so, indicate the distance to the person in relation to the sensor. This enables implementation of multiple trigger zones, such as head-turning lighting effects on connected LED lighting when a person is far away, the appearance of call-to-action video content when they approach and appearing touch buttons when the person is standing right in front of your display.

Features
• Narrow-beam proximity sensor with distance indication
• Set different triggers for different distances
• Available in short, medium and long range detection

X-talk
The X-Eye Presence can easily be connected to any of the Nexmosphere Xperience controllers using the X-talk interface. All settings of the XY 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 programmable with Nexmosphere Xperience controller

Presence & proximity detection
Presence & proximity sensors can be extremely valuable to trigger your experience to start at just the right moment. Trigger your presentation to come alive when the shopper is standing at a distance and activate interactive content as soon as the shopper comes close, providing a personal retail experience.

• Adjustable settings and trigger zones
• Up to 10 trigger zones available

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
• Multiple data gathering functionalities on the Xperience controller offer a unique insight into traffic

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X-EYE PRESENCE

Mounting specifications
• Mount in such a way that the sensor has a clear view and is not directed towards any (strong) direct light source.
• Do not point multiple sensors towards each other or to the same location.

Detection range
• XY-11, short range: 5-80cm
• XY-14, medium range: 15-150cm
• XY-17, long range: 50-500cm
• Beam angle: 5.5 ° (for all ranges)

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: XY-11: 50mA
    XY-14: 100mA
    XY-17: 350mA

Miscellaneous
• Three cable lengths available (60/120/180cm)
• Custom colors and cable lengths available on request
• 1 year warranty (optional 3 year extended warranty available)
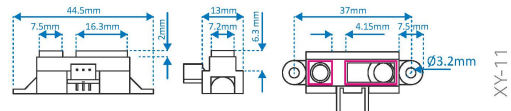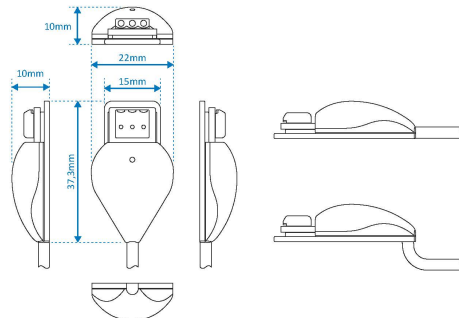
Packaging
Items per carton   1, 10 or 50 pcs

Standards and Certifications

CE
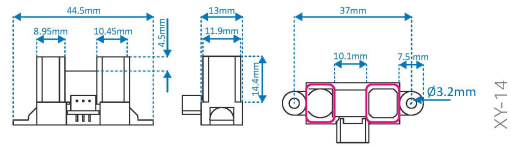MET c us UL 60950-1 E114403 CSA 22.2 No. 60950-1
RoHS compliant

Mechanical dimensions
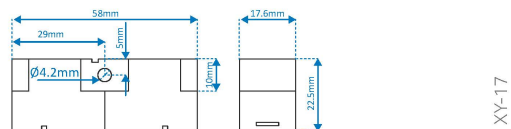LxWxH: 37,3 x 22 x 10 mm (sensor interface)
Fixation: Interface: Double sided adhesive tape
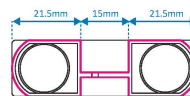   Sensor: Screw holes

Ordering information

Product ID	Description	Netto weight	Quantity
XY-114	X-Eye Presence, short range, narrow beam, 60cm cable	17g	1 pc
XY-115	X-Eye Presence, short range, narrow beam, 120cm cable	23g	1 pc
XY-116	X-Eye Presence, short range, narrow beam, 180cm cable	26g	1 pc
XY-144	X-Eye Presence, medium range, narrow beam, 60cm cable	17g	1 pc
XY-145	X-Eye Presence, medium range, narrow beam, 120cm cable	23g	1 pc
XY-146	X-Eye Presence, medium range, narrow beam, 180cm cable	26g	1 pc
XY-174	X-Eye Presence, long range, narrow beam, 60cm cable	19g	1 pc
XY-175	X-Eye Presence, long range, narrow beam, 120cm cable	25g	1 pc
XY-176	X-Eye Presence, long range, narrow beam, 180cm cable	28g	1 pc

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