

XF-P3 WIRELESS PICKUP SENSOR

XF-Range

The Nexmosphere XF range offers an innovative way to use wireless pick-up sensors without the need for installing any hardware within your POS furniture or shelving. The battery-powered sensors can be placed in, or adhered to -your merchandise and facilitate triggering the programmed content and/or lighting effects on the Xperience controller when the merchandise is interacted with by the shopper. Use this technology to easily transform existing and new store installations into interactive ones with minimal effort.



XF-P3 Wireless pick-up sensor

The P3 sensor is a battery-powered pickup sensor that can be placed in, or adhered to -your merchandise. The sensor detects any change of positioning when the shopper interacts with the merchandise on display and translates this into triggers that are sent towards the controller unit that can be invisibly installed at distance from the actual sensor.

Features

- Wireless X-talk, range 8-10 meters
- Pick-up detection (accelerometer technology)
- Ultra-low power consumption for long battery life

Wireless X-talk interface

The XF-P3 sensor can be connected to one of the EM-F base stations with 1, 4 or 8 wireless sensor X-talk channels. All settings of the P3 sensor are programmable on the controller using the X-talk API commands, enabling a seamless integration in your application.

- Superfast 2-step pairing procedure
- Same API structure as regular X-talk

Pick-up detection

The sensor registers both pick-ups and place-backs of the merchandise on the shelf. Both events can be used as triggers on the Xperience controller, for example, to start a video or illuminate a string of LEDs.

- Pick-up and place-down registration
- Highly responsive
- False detection filters

Battery-powered

The XF-P3 is battery-powered and therefore cable-free, providing freedom of placement in or attached to merchandise. Due to innovative power management technology, the sensor has an ultra-low power consumption in idle state. As a result, the sensor can operate for 2+ years on one single battery.*

- Freedom in sensor placement
- Long battery life

**in normal retail conditions, see page 2 for details*

Benefits

- Small form factor for placement in or under the merchandise
- Cable-free installation
- Easy to add onto existing and new installations



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Wireless communication range

- Wireless range: 8-10 meter*

*When placing the sensor or controller in metal enclosures or environments with a lot of large metal objects, the detection range of the sensor can reduce.

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: 3.0V
- Idle power consumption: 0.005mA
- Transmit frequency: 2.4Ghz
- Transmit power: 0dBm

Battery life

The battery life is determined by the number of pick-ups and the average time of each pick-up:

average pick-up time	1000 pick-ups / month	2000 pick-ups / month	5000 pick-ups / month
10s / pick-up	3.0 years	2.2 years	1.4 years
20s / pick-up	2.8 years	2.0 years	1.0 year
30s / pick-up	2.4 years	1.6 years	0.8 year
60s / pick-up	1.8 years	1.2 years	0.6 year

Miscellaneous

- Available with or without casing
- 1-year warranty (optional 3-year extended warranty available)

Packaging

Items per carton 1, 10 or 50 pcs

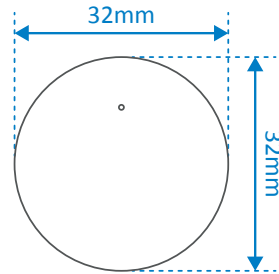
Standards and Certifications



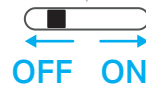
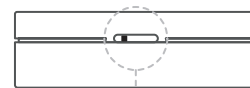
RoHS
compliant

Mechanical dimensions

LxWxH: 32 x 32 x 10 mm incl. casing
 30 x 30 x 08 mm excl. casing



Hardware interfaces



Ordering information

Product ID	Description	Netto weight	Quantity
XF-P3W	Battery-powered wireless pick-up sensor, white	10g	1 pc
XF-P3B	Battery-powered wireless pick-up sensor, black	10g	1 pc
XF-P3N	Battery-powered wireless pick-up sensor, no housing	08g	1 pc

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