

EM-F WIRELESS X-TALK INTERFACE

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.



EM-F Wireless X-talk interface

The EM-F Extension Modules receive the signals coming from the P3 sensors after these have been paired with a wireless X-talk interface. Each P3 sensor connects to its own wireless X-talk interface on the EM unit. Combine a maximum of 5 EM units onto the controller unit, allowing up to 40 sensor connections on one single controller. All EM modules only work in combination with an XM Xperience controller.

Features

- Up to 8 wireless X-talk interfaces
- Status LED for each wireless X-Talk channel
- Pairing buttons for easy setup

Wireless X-talk interface

The XF-P3 sensor can be connected to the EM-F base station 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

Status LEDs

The on-board status LEDs indicate the status of each wireless X-Talk channel, enabling easy setup and testing of your application. The pair and unpair buttons facilitate an easy and fast 2-step pairing procedure.

EM expansion module

Combine any of the EM modules to create an exact fit for your application.

- Compatible with any of the EM-modules
- Connect up to 5 EM-modules to one XM-controller
- Pre-assembled factory build for your project
- Auto system configuration
- All EM-modules can be centrally controlled by XM controller through API commands

Benefits

- Facilitates cable-free sensor
- Easy to add onto existing installations
- Combine any of the EM and XM modules to make an exact fit for your application
- Large sensor detection range
- Ease of installation, fitted with integrated magnets as well as mounting holes

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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: 5.0V
- Power consumption: 200mA
- Transmit frequency: 2.4Ghz
- Transmit power: 0dBm

Miscellaneous

- Robust housing with screw brackets for secure fixing
- Build-in magnets for easy mounting on metal surfaces
- 1-year warranty (optional 3-year extended warranty available)

Packaging

Items per carton 1, 10 or 50 pcs

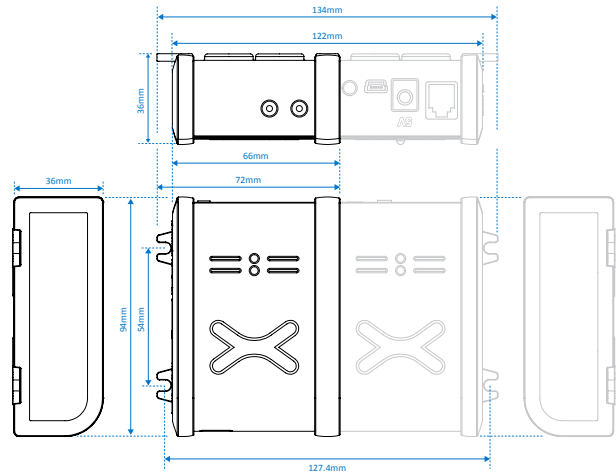
Standards and Certifications



RoHS
compliant

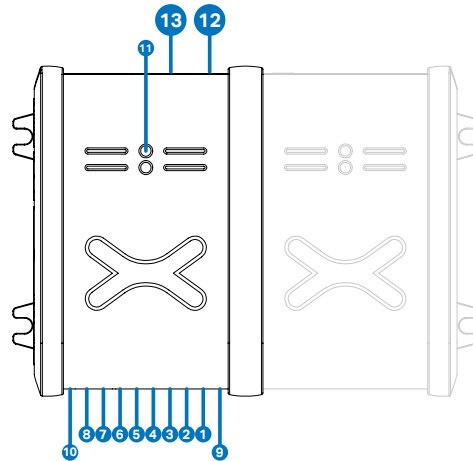
Mechanical dimensions

LxWxH: 94 x 72 x 36 mm / 94 x 134 x 36 mm
 Screw fixation: 54 x 127,4 mm



Hardware interfaces

- 1-8 Status LED wireless X-talk channel 1-8 (green LED)
9. Pair LED
10. Error/unpair LED
11. Status LED EM-F module
12. Control button A (Pair)
13. Control button B (Unpair)



Ordering information

Product ID	Description	Netto weight	Quantity
EM-F1	1 channel wireless X-talk interface	60g	1 pc
EM-F4	4 channel wireless X-talk interface	60g	1 pc
EM-F8	8 channel wireless X-talk interface	60g	1 pc

Nexmosphere

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