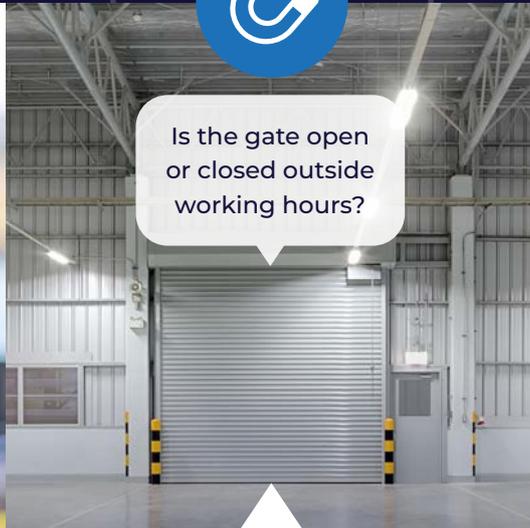


# Magnet Xense



When are windows/doors open?



Is the gate open or closed outside working hours?



Combine with IR Xense to shut down the HVAC unit if windows are detected as left open.



**INSIGHTS:**

- Open/close 
- Activity counter 



**FEATURES:**

-  Low-power wireless technology
-  Battery lifetime 6+ years
-  CE certified
-  32 x 21 x 24 mm / 1.3 x 0.8 x 0.9 in

Magnet Xense detects whether a magnet is nearby or not. This can be used, for example, to detect the opening and closing of windows, doors, and ports, making it useful in various industries. Its compact size allows for easy installation in tight spaces, and its durability ensures long-term performance with minimal maintenance. To transmit its data to the cloud, the Magnet Xense requires pairing with an Xtellio Gateway Xentral (sold separately), which can be paired with up to 10 Xenses.



# Xtellio

Your Data Butler

 MADE IN DENMARK

**Contact us:**  
sales@xtellio.com  
+45 3226 9200  
xtellio.com

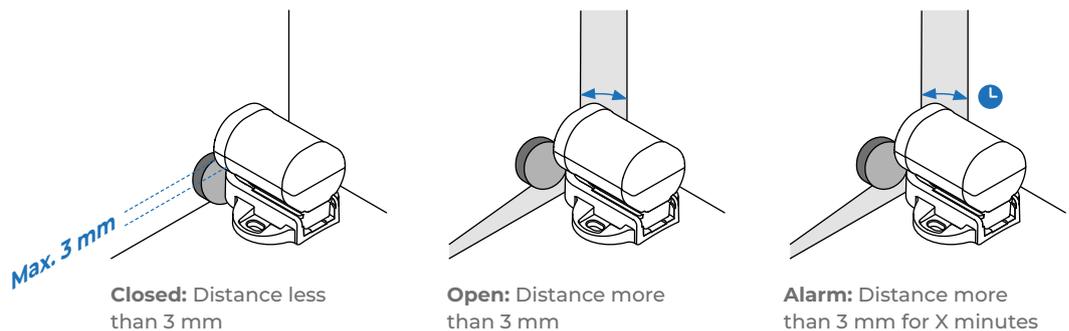


## How it works

### Default Operation

The Xtellio Magnet Xense detects the presence of a magnet.

- Data values delivered:
- 0 **Closed** - distance less than 3 mm
  - 1 **Open** - distance more than 3 mm
  - 2 **Alarm** - open position for more than X\* minutes
- \* Can be defined in Xtellio Butler web app.



When paired with a Gateway Xentral (sold separately), all collected data is securely transmitted to the Xtellio Cloud via an embedded SIM module, utilizing NB-IoT or LTE-M networks to ensure reliable connectivity—even in areas with limited coverage.



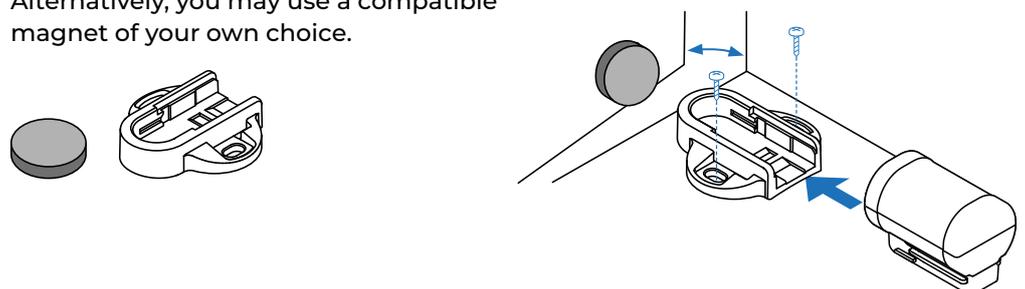
From the Xtellio Cloud, data is either integrated into your existing systems via Xtellio's APIs or accessed through the Xtellio Butler web app or Xtellio Picco mobile app — all included as part of your Xtellio Xervice.

### Default settings

- |   |                        |  |
|---|------------------------|--|
| <b>Xtellio Magnet Xense:</b>                      |                        | } <i>Configurable with Business or Premium subscription.</i> |
| Sensor measurement:                               | <b>Every 5 seconds</b> |  |
| <b>Xtellio Gateway Xentral (sold separately):</b> |                        |  |
| Cloud data transmission:                          | <b>1 per day</b>       |  |
| GPS location measurement:                         | <b>Disabled</b>        |  |

### Bracket and magnet

For the Magnet Xense, a bracket and a round, self-adhesive magnet are included. Alternatively, you may use a compatible magnet of your own choice.





## Technical specification

|                                       |   |
|---------------------------------------|---|
| <b>Product number</b>                 | 90054002  |
| <b>Wireless communication</b>         | <b>Standards:</b> BLE 5.1 - 2,4 GHz<br>Range: Up to 25 m (82 ft)  |
| <b>Sensors (built-in)</b>             | <b>Magnetic:</b> Hall sensor<br>Field strength: < 1.1mT   |
| <b>Power</b>                          | <b>Battery:</b> One cell solution: Industrial 3.6V ½AA Lithium Thionyl Chlorid battery.<br>Estimated lifetime with default settings: 5+ years (non-rechargeable battery). |
| <b>Operating conditions</b>           | -20°C to +70°C (-4°F to +158°F)   |
| <b>Certification &amp; Compliance</b> | CE and RoHS   |
| <b>IP Classification</b>              | IP67  |

## Mechanical properties

|                     |  |
|---------------------|--|
| <b>Xense casing</b> | <b>Dimensions:</b> 32 x 21 x 24 mm / 1.3 x 0.8 x 0.9 in<br><b>Weight:</b> 18 gr / 0.6 oz (Approx.) |
|---------------------|--|

