

Proxi Radar Xense



GPS location data available via paired Xentral



This Proxi Radar Xense will need to be paired with a nearby mounted Proxi Radar Xentral that transmits data to Xtellio Cloud



What is the fill level?

INSIGHTS:



Fill level 
Location (from paired Xentral) 



FEATURES:

-  Low-power wireless technology
-  Battery lifetime: 6+ years*
-  CE certified
-  Ruggedized for industrial use
-  106 x 80 x 40 mm / 4.2 x 3.1 x 1.6 in**

*With standard configuration
**Std. battery vers. incl. mounting holes

Xtellio Proxi Radar Xense, is a state-of-the-art radar device designed to measure distances in confined spaces, enabling precise calculations of substance, liquid, or material levels. When strategically positioned in waste containers, it offers remote monitoring, preventing waste container overflow, and optimizing route planning to reduce fuel costs. Installed in restock containers and silos, it delivers impeccable inventory control and ensures timely restocking of materials. The collected data seamlessly integrates with Xtellio APIs for your applications.



Xtellio

Your Data Butler

 MADE IN DENMARK

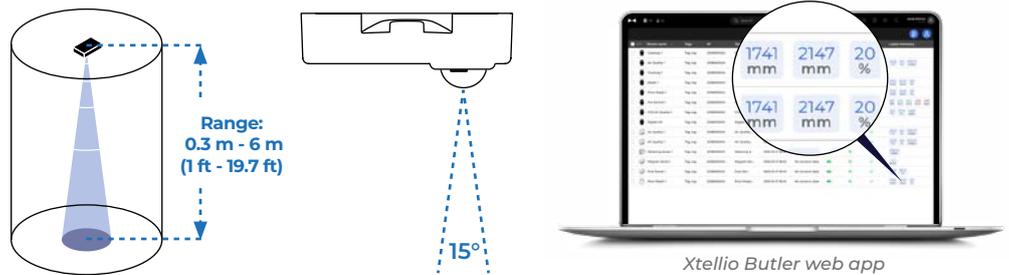
Contact us:
sales@xtellio.com
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How it works

Default operation

The Proxi Radar Xense measures distance to objects within a range of 0.3 m to 6 m (1 ft to 19.7 ft). When a measurement is initiated, the device performs a "sweep" within the supported sensor angle (15°) and registers both the shortest distance (in mm/ft) and the average distance (in mm/ft and as a percentage).



When paired with a Proxi Radar Xentral (sold separately), all collected data is securely transmitted to the Xtello 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 Xtello Cloud, data is either integrated into your existing systems via Xtello's APIs or accessed through the Xtello Butler web app or Xtello Picco mobile app – all included as part of your Xtello Service.

Default settings

Xtello Proxi Radar Xense:

Sensor measurement: **1 per hour**

Xtello Proxi Radar Xentral (sold separately):

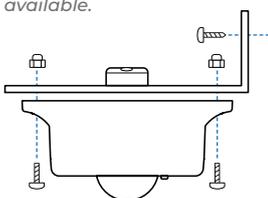
Cloud data transmission: **1 per day**

GPS location measurement: **Disabled**

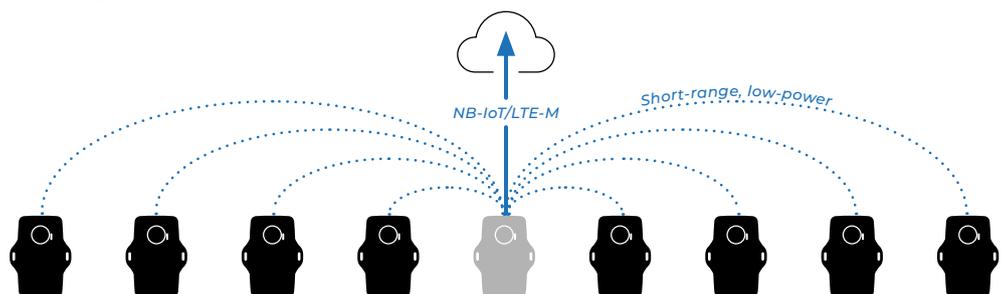
Configurable with Business or Premium subscription.

Cluster solution

If there isn't enough space for horizontal mounting, a vertically mounted bracket with a built-in leveler is available.



Up to eight Proxi Radar Xense units can be paired with a single Proxi Radar Xentral. This allows us to offer you an affordable solution for containers placed close together in clusters.





Technical specification

| | |
|---------------------------------------|--|
| P/N: | 90046010 |
| Wireless communication | Standards: BLE 5.0 - 2,4 GHz Line of sight up to 100 m (325 ft). |
| Sensors (built-in) | Radar: 3D measurements with a possible range of 0.3 m to 6 m (1 ft to 19.7 ft). |
| Power | Standard battery: 3.6V Lithium Thionyl Chloride battery. Estimated lifetime with default settings/normal conditions: 6+ years. |
| Operating conditions | -20°C to +70°C / -4°F to +158°F |
| Certification & Compliance | CE and RoHS |
| IP Classification | IP67 - Industrial grade |

Mechanical properties



Standard battery version:

Dimensions: 106 x 80 x 40 mm /
4.2 x 3.1 x 1.6 in

Weight: 160 gr / 5.6 oz (Approx.)

