Beacon
Xense

Avoid the frustration of lost or misplaced assets

100 m (300 ft)
line of sight

Verify that your assets are where you expect them to be
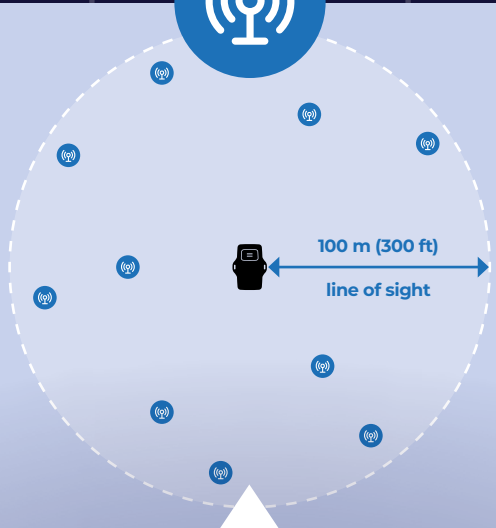
INSIGHT:

Beacon presence

FEATURES:

Low-power wireless technology

Battery lifetime up to 10 years

CE-certified

Incl. mounting holes:
40 x 41 x 42 mm / 1.6 x 1.6 x 1.7 in

Xtellio
GATEWAY
XENTRAL

Xtellio
BEACON
XENSE
ID: 0000000000

The Xtellio Beacon Xense's rugged design and compact form factor make it ideal for installation on your light equipment and smaller machines, and helps you verify that your assets are where you expect them to be. Beacon Xense broadcasts it's unique ID, which is then captured by the Xtellio Gateway Xentral (sold separately) when in range of this. Enjoy full flexibility by allowing the Beacon Xense ID to be captured by multiple Gateway Xentrals (moving between "stations"), or pair with a specific Gateway Xentral to allow only capturing by that (single "station"). Verify collected data through Xtellio's Butler- and Picco applications, or seamlessly integrate it into your preferred applications using Xtellio's suite of API's.
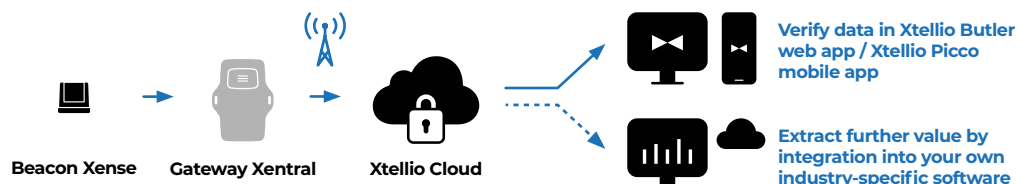
Xtellio
Data, at your service

MADE IN
DENMARK

How it works

Default Operation

The Xtellio Beacon Xense broadcasts it's unique ID which is then picked up by an Xtellio Gateway Xentral *(sold separately)* when in range of this (line of sight up to 100 m/300 ft / indoors up to 50 m/164 ft). The Beacon Xense device ID (along with timestamp of detection) is then transmitted (via the Gateway Xentral) to the Xtellio Cloud via the mobile network.

Beacon Xense → Gateway Xentral → Xtellio Cloud

Verify data in Xtellio Butler web app / Xtellio Picco mobile app

Extract further value by integration into your own industry-specific software

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

Xtellio Beacon Xense:
Broadcast/advertisement interval: **Every 2 seconds**

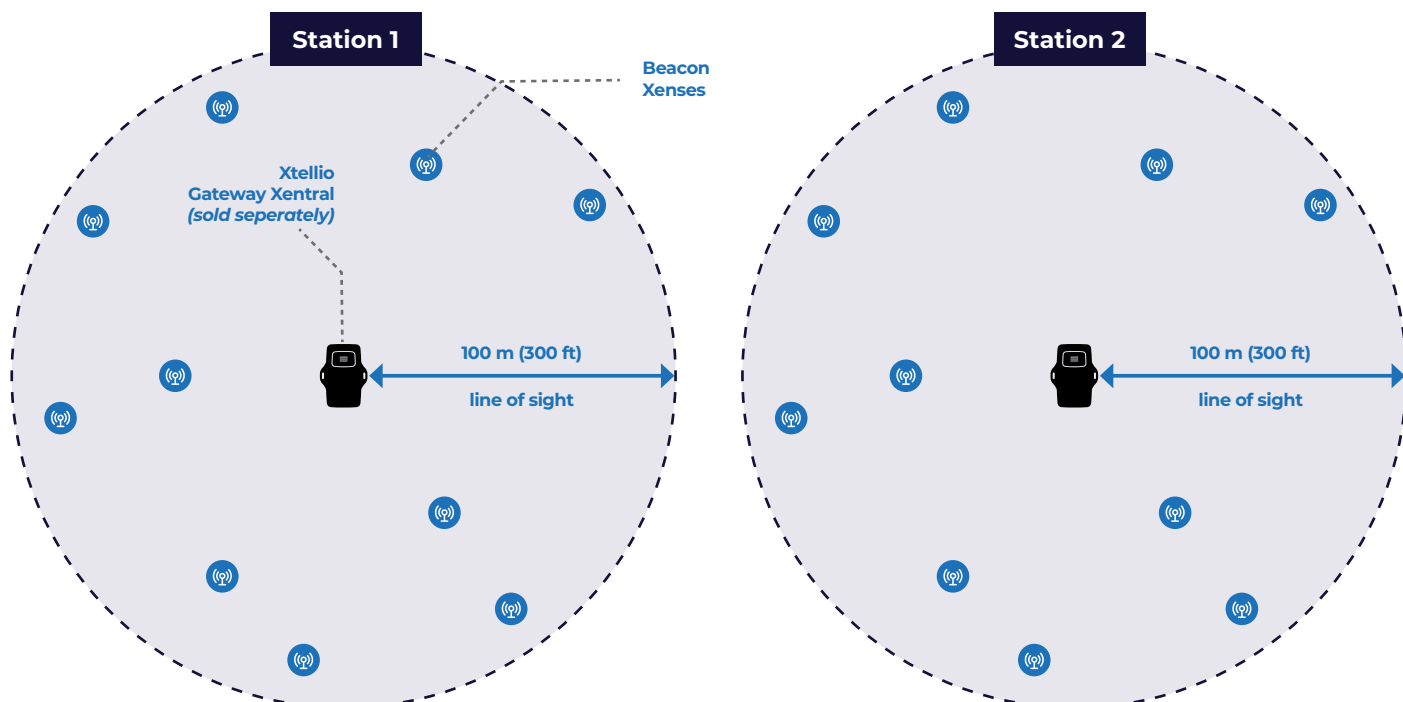**Xtellio Gateway Xentral** *(sold separately)***:**
Cloud data transmission: **1 per day**
GPS location measurement: **Disabled**

Configurable with Business or Premium subscription.

Use cases

Multiple Beacon Xenses can be paired with a Gateway Xentral.
You can also pair Beacon Xense with multiple Gateway Xentrals installed at different 'stations' (e.g., out in the field and at a depot base).

Station 1

Beacon Xenses

Xtellio Gateway Xentral *(sold seperately)*

100 m (300 ft)
line of sight

Station 2

100 m (300 ft)
line of sight

Technical specification

P/N:	90051002
Wireless communication	**Standards:** BLE 5.0 - 2.4 GHz
Signal range	**Line of sight:** Up to 100 m (300 ft) **Indoors:** Up to 50 m (164 ft) *Values may vary depending on obstacles.*
Power	**Battery:** One cell solution: Industrial 3.6V ½AA Lithium Thionyl Chlorid battery. Estimated lifetime with default settings: Up to 10 years (non-rechargeable battery).
Operating conditions	-20°C to +70°C (-4°F to +158°F)
Certification & Compliance	CE and RoHS
IP Classification	IP67

Mechanical properties

Xense casing

Dimensions: 40 x 41 x 42 mm / 1.6 x 1.6 x 1.7 in
Weight: 32 gr / 1.1 oz (Approx.)

Magnet activation area

31 mm / 1.2 in
22 mm / 0.9 in
40 mm / 1.6 in
41 mm / 1.6 in
42 mm / 1.7 in