

Pro Xentral CANbus

CAN

🕒 Total Engine Hours: **894**

⚠️ Engine Failure: **Code 512**

📍 GPS location & tracking

INSIGHTS:

Engine hours 🕒

Ignition-sensing ⚡

Location 📍

Movement/tilt 📐

+

Integrates with Xtellio Xenses 📶

Integrates with access control 🗝️



FEATURES:

⚡ Fixed power 12-48V
(Ignition input, CAN Hi/Lo and 1 output).

🔋 1200 mAh internal backup battery

📶 NB-IoT / LTE-M communication

📱 eSIM (Data incl. in license)

🏆 CE-certified (FCC / PTCRB pending)

🛡️ IP67 - ruggedized for industrial use

📏 106 x 80 x 30 mm / 4.2 x 3.1 x 1.2 in*
*Incl. mounting holes, excl. wire

With Xtellio Pro Xentral – CANbus, you can track key machine data such as engine runtime, daily activity, and location history, while also gaining access to engine diagnostics, fault codes, and other insights directly from the machine's internal systems via the CANbus interface. The device can be paired with access control or other Xtellio Xense units to add even more cloud-based insights to your setup. It transmits GPS and data every two minutes when active and hourly when idle, supporting utilization tracking and theft recovery. In the event of power loss, it automatically switches to an internal backup battery that recharges when power is restored.



Xtellio

Your Data Butler

MADE IN
DENMARK

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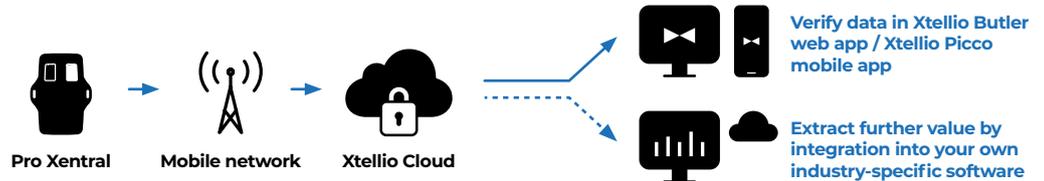
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How it works

Default Operation

Connect the 6-wire Xtellio Pro Xentral, CANbus, to track machine utilization data like total hours, daily activity, engine diagnostics, plus current and historical GPS locations.



All collected data is transmitted securely to the Xtellio Cloud via a built-in SIM module, which utilizes NB-IoT or LTE-M networks (with 2G fallback) for robust performance, 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 Service.

Default settings

Cloud data transmission:

Input activity: **Every 2 minutes**
 No input activity: **Every 60 minutes**

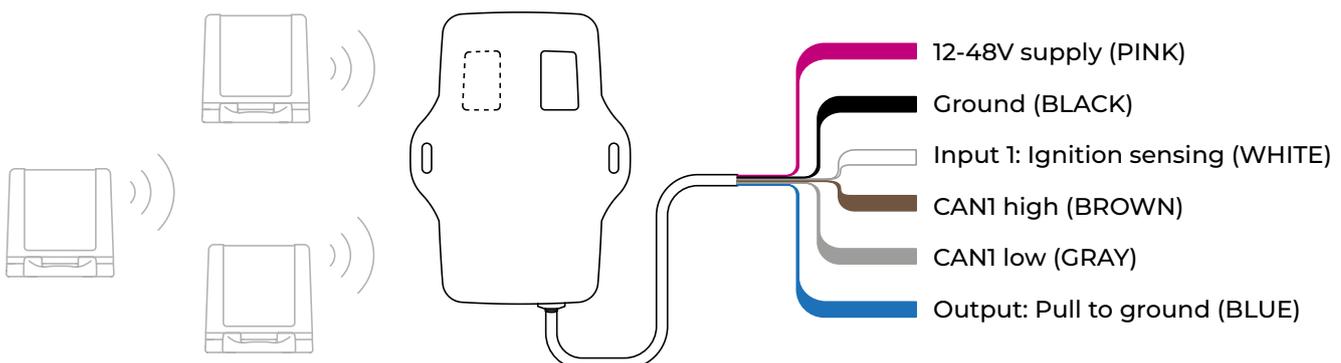
} *Default setting included in the Business subscription tier.*



The device is capable of storing data, in case of network issues, and will automatically push stored data to the Xtellio Cloud when connectivity is restored.

External sensor pairing

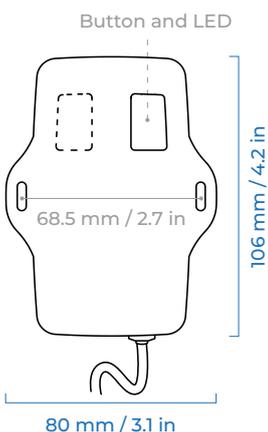
Enhance the functionality of your Xtellio Pro Xentral by pairing it with compatible Xtellio Xense devices. In this configuration, the Pro Xentral operates as a gateway, aggregating and transmitting all Xense data to the Xtellio Cloud. For instance, integrating a Card Xense enables access control by allowing only authorized users—via NFC-enabled smartphones or ID cards—to activate the machine.



Technical specification

Product number	90044200
Wireless communication	<p>Standards: NB-IoT, LTE-M with 2G fallback, and Bluetooth LE 5.x</p> <p>LTE band support: B2, B3, B8, B12, B20 Software update over air (SUOTA)</p> <p>eSIM</p>
Sensors (built-in)	<p>GNSS positioning: GPS, GLONASS, Galileo and BeiDou supported.</p> <p>WiFi chip: For positioning backup only</p> <p>Accelerometer: Accuracy: $\pm 2 / \pm 4 / \pm 8 / \pm 16$ g full scale</p> <p>Gyroscope: $\pm 125 / \pm 250 / \pm 500 / \pm 1000 / \pm 2000 / \pm 4000$ dps full scale</p>
Power & Inputs	<p>Fixed power: 6-wire cable, (800 mm / 31 in):</p> <ul style="list-style-type: none"> PINK: 12-48V supply BLACK: Ground WHITE: Input 1: Ignition sensing BROWN: CAN1 high GRAY: CAN1 low BLUE: Output: Pull to ground <p>Internal backup battery: 1200 mAh rechargeable Li-ion battery</p>
Operating conditions	-20°C to +70°C / 0°F to +150°F
Certification & Compliance	CE, (FCC / PTCRB pending)
IP Classification	IP67 - Industrial grade

Mechanical properties



Standard battery version:

Dimensions: 106 x 80 x 30 mm / 4.2 x 3.1 x 1.2 in

Weight: 160 gr / 5.6 oz (Approx.)

Cable: 800 mm / 31 in

