






## Product info

# Pro Xentral










### INSIGHTS:

- Engine hours 
- Ignition-sensing 
- Location 
- Movement/tilt 
- Xense data 



### FEATURES:

-  Fixed power 12-48V (3 inputs and 1 output).
-  2100 mAh internal backup battery
-  5G technologies
-  eSIM (Data incl. in license)
-  CE-certified
-  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

Track core machine utilization data like engine runtime, daily activity, current and historical locations, and tilt level with the 6-wire Xtellio Pro Xentral. Easily connect it to the machine's main power, ground, and digital inputs 1-3 for ignition or hour counters, and pair it with Xtellio Xenses for even more insights. By default, it transmits every two minutes when inputs are active (voltage above threshold) and switches to 60-minute intervals during inactivity. If the main power is unavailable, Xtellio Pro Xentral runs on an internal backup battery that will recharge once power is restored.



# Xtellio

Data, at your service

 MADE IN  
DENMARK

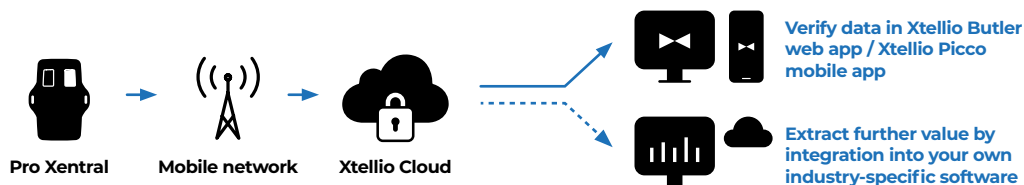
**Contact us:**  
sales@xtellio.com  
+45 3226 9200  
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## How it works

### Default Operation

Connect the 6-wire Xtellio Pro Xentral to access data on machine utilization data like total hours, daily activity, current and historical GPS locations, and tilt level measuring GPS location.



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.

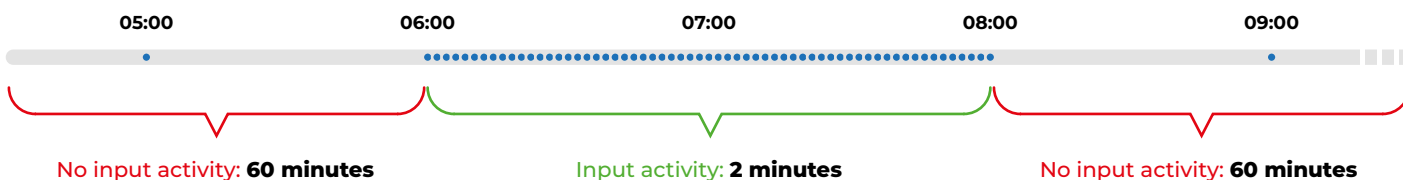
From the Xtellio Cloud, data is either integrated into your existing systems via Xtellio's APIs or accessed through the Xtellio Butler web app or Xtellio Picco mobile app — all included as part of your Xtellio Xervice.

### Default settings

#### Cloud data transmission:

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

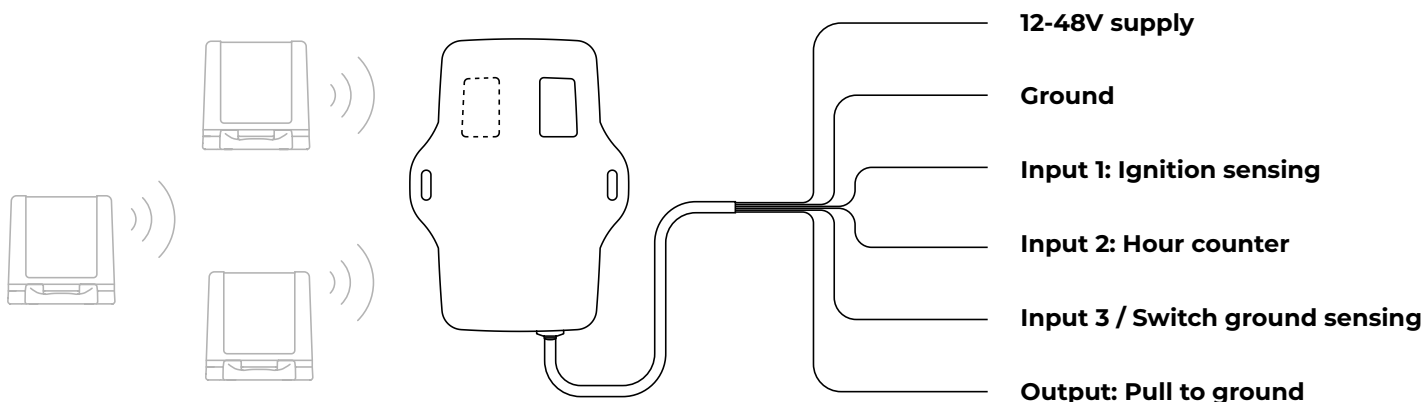
} Default setting included in the Business subscription tier.



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.

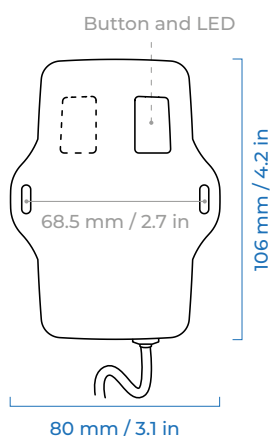




## Technical specification

<b>Product number</b>	<b>Fixed power:</b> 90044001
<b>Wireless communication</b>	<b>Standards:</b> NB-IoT, LTE-M with 2G fallback, and Bluetooth LE 5.x <b>LTE band support:</b> B2, B3, B8, B12, B20 Software update over air (SUOTA) <b>SIM-card option:</b> SIM/e-SIM
<b>Sensors (built-in)</b>	<b>GNSS positioning:</b> GPS, GLONASS, Galileo and BeiDou supported. <b>WiFi chip:</b> For positioning backup only <b>Accelerometer:</b> Accuracy: $\pm 2$ / $\pm 4$ / $\pm 8$ / $\pm 16$ g full scale <b>Gyroscope:</b> $\pm 125$ / $\pm 250$ / $\pm 500$ / $\pm 1000$ / $\pm 2000$ / $\pm 4000$ dps full scale
<b>Power &amp; Inputs</b>	<b>Fixed power:</b> 6-wire cable, (800 mm / 31 in): <ul style="list-style-type: none"><li>• 12-48V supply</li><li>• Ground</li><li>• Input 1: Ignition sensing</li><li>• Input 2: Hour counter</li><li>• Input 3 / Switch ground sensing</li><li>• Output: Pull to ground</li></ul> <b>Internal backup battery:</b> 1200 mAh rechargeable Li-ion battery
<b>Operating conditions</b>	-20°C to +70°C / -4°F to +158°F
<b>Certification &amp; Compliance</b>	CE, (FCC / PTCRB pending)
<b>IP Classification</b>	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

