

Pro Xentral

Standard



INSIGHTS:

- Engine hours
- Ignition/input sensing
- Location
- Movement/tilt
- +
Integrates with Xtellio Xenses
- Integrates with access control



FEATURES:

- Fixed power 12-48V (3 inputs and 1 output).
- 1200 mAh internal backup battery
- 5G technologies
- 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 – Standard – connected to your machines, you can track key utilization data such as engine runtime, daily activity, and both current and historical locations. It connects easily to the machine's main power, ground, and digital inputs 1-3 for ignition or hour counting. For even deeper insights, you can pair Xtellio Pro Xentral with Xtellio Xense devices or connect it to an access control unit to prevent unauthorized use. By default, the device transmits every two minutes when inputs are active (voltage above threshold) and switches to 60-minute intervals during inactivity. If main power is unavailable, it operates on an internal backup battery that recharges automatically when power is restored.



Xtellio

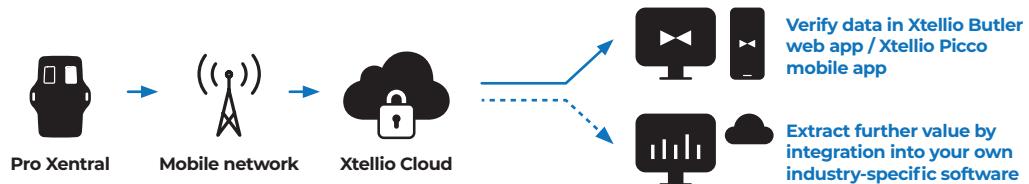
Your Data Butler



How it works

Default Operation

Connect the 6-wire Xtellio Pro Xentral to track machine utilization data like total hours, daily activity, 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 Xervice.

Default settings

Cloud data transmission:

Input activity:
No input activity:

Every 2 minutes
Every 60 minutes

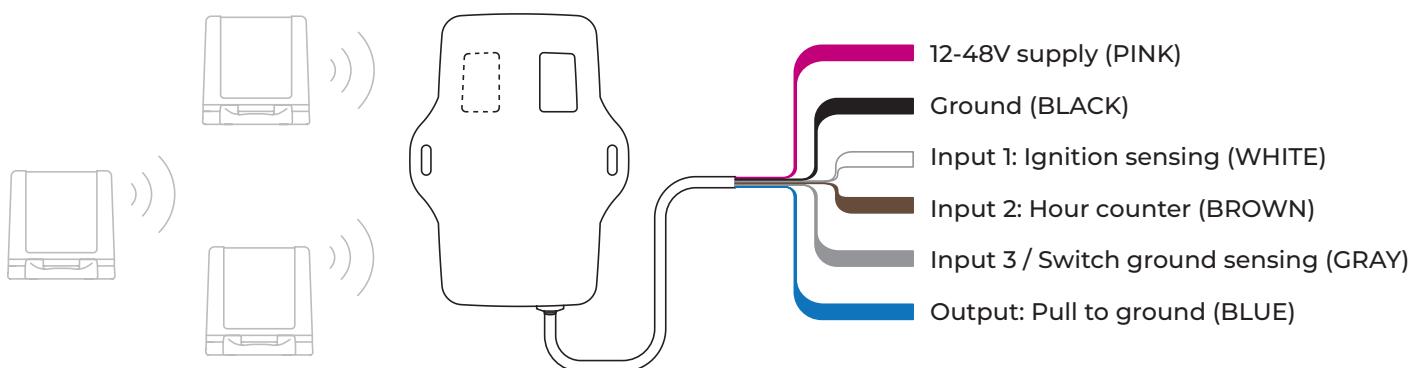
Default setting included in the Business subscription tier.



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	90044001
Wireless communication	Standards: NB-IoT, LTE-M with 2G fallback, and Bluetooth LE 5.x LTE band support: B2, B3, B8, B12, B20 Software update over air (SUOTA) eSIM
Sensors (built-in)	GNSS positioning: GPS, GLONASS, Galileo and BeiDou supported. WiFi chip: For positioning backup only Accelerometer: Accuracy: ± 2 / ± 4 / ± 8 / ± 16 g full scale Gyroscope: ± 125 / ± 250 / ± 500 / ± 1000 / ± 2000 / ± 4000 dps full scale
Power & Inputs	Fixed power: 6-wire cable, (800 mm / 31 in): PINK: 12-48V supply BLACK: Ground WHITE: Input 1: Ignition sensing BROWN: Input 2: Hour counter GRAY: Input 3 / Switch ground sensing BLUE: Output: Pull to ground Internal backup battery: 1200 mAh rechargeable Li-ion battery
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

