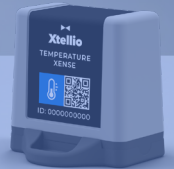
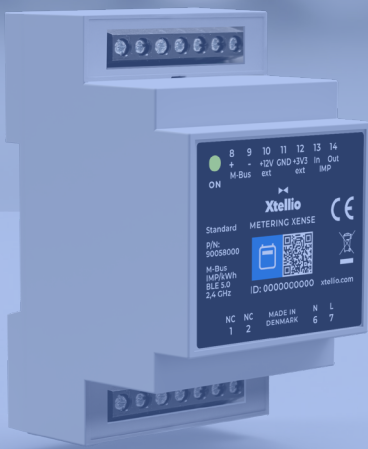


Gateway Xentral



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3. Device setup and pairing with Xenses	4
4. Test devices using 'Install Mode'	5
Troubleshooting and support	6



Xtelio

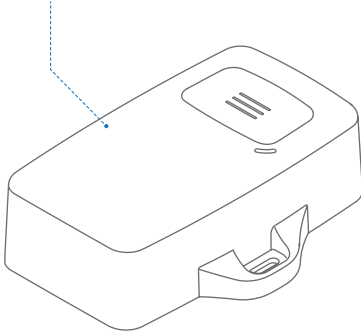
Your Data Butler

About the solution

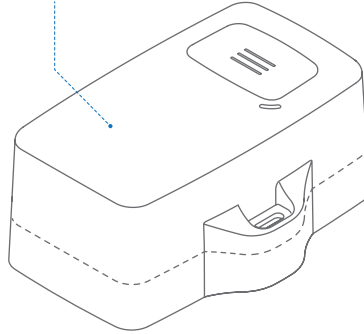
Hardware:

Gateway Xentral is available in three versions.

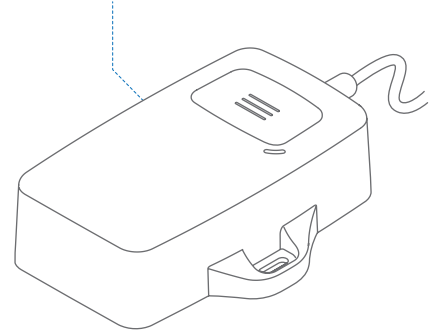
Gateway Xentral
(Standard battery version):
P/N: 90047002



Gateway Xentral
(Extended battery version):
P/N: 90047003



Gateway Xentral
(Fixed powered version):
P/N: 90047009



More detailed product information is available at xtellio.com/standard.

How it works:

The Gateway Xentral is designed to collect data from paired Xtellio Xense devices and transmit it to the cloud.



When paired with an Xtellio Xense device, the Gateway Xentral receives the data broadcast by the Xense and securely transmits it to Xtellio Cloud via an embedded SIM solution using NB-IoT or LTE-M connectivity.

From Xtellio Cloud, the data can be integrated into your existing systems through Xtellio's APIs or accessed in the Xtellio Butler Web App and Xtellio Picco Mobile App, all included as part of your Xtellio Xervice.

Before you begin installation

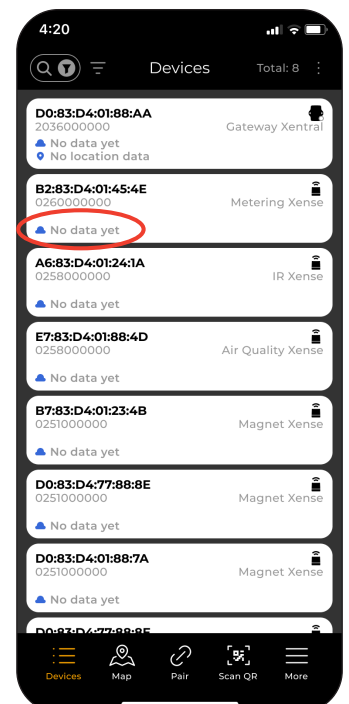
1. Install and log in to the Xtellio Picco mobile app

Log in to the app using your Xtellio **user ID**, which has been created for you by the system administrator.



When logged in to the Xtellio Picco mobile app, the devices will already be visible.

Initially, they are in 'factory sleep mode', indicated by the ***'No data yet'** text. Once activated and successfully tested, this text will change to a blue timestamp.

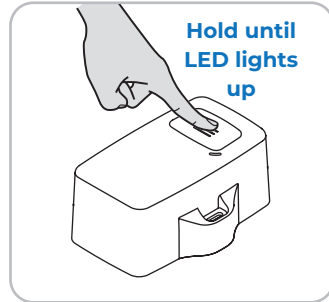


2. Check that you have everything

- Devices and brackets (Xtellio offers different bracket options for this device)
- Flat-head screws/bolts and hand tools
- Information required for the setup procedure:
 - How the devices should be named
 - Whether an external reference should be added (e.g., asset serial number)
 - Whether tags should be added (tags work like group names)
 - Whether a permanent location should be set or GPS should be enabled

1. Activate device

Gateway Xentral

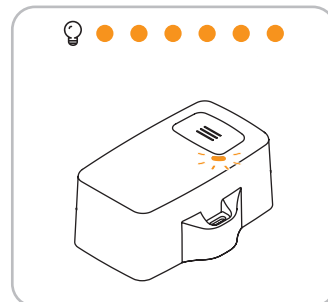


- 1** Press and **hold** the button for **5+ sec.** until the LED lights up.

Important: Activating the Gateway Xentral device is crucial; otherwise, it will not be able to transmit data to the cloud. Ensure that there is mobile network coverage.

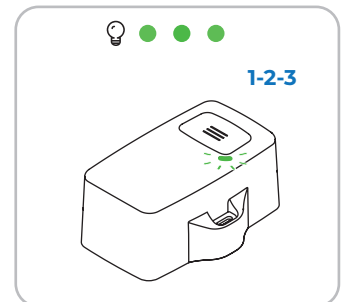


- 2** Release when the LED flashes green (indicating that it has understood the command).



- 3 Attention:** Keep an eye on the LED. It flashes **orange** while connecting to Xtellio Cloud. It may also flash in other colors, indicating that it is updating with new firmware or performing other tasks.

The most important thing is to observe how the LED sequence ends. →

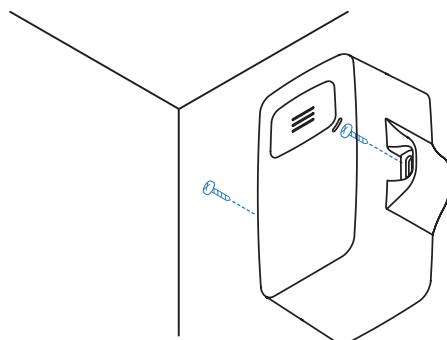


- 4 Ending with 3 green flashes:** Activation was successful.
Ending with 3 red flashes: Not activated.
- 1) Wait 5 minutes and try again.
 - 2) Check signal conditions or move to another location and try again.
 - 3) Contact Xtellio support.

2. Mount device

Gateway Xentral

Mount the Gateway Xentral with 2 flat-head screws/bolts. Use both vertical mounting holes located on each side of the device.

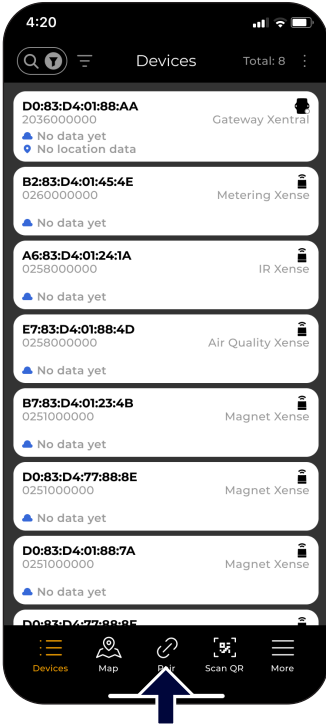


NOTE: Use only flat-head screws/bolts.

Ensure that the screws/bolts are inserted straight, at a 90° angle to the surface.

3. Device setup and pairing with Xenses

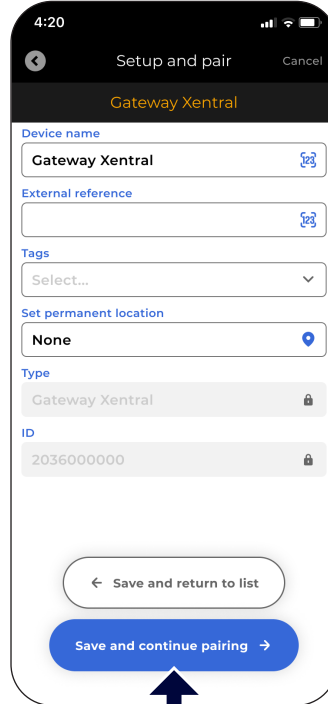
Before pairing devices, make sure that both the Gateway Xentral and the Xense device(s) have been activated. Follow the installation guide for the specific Xense device or solution. Device installation guides can be found at xtellio.com/standard.



1 Open Xtellio Picco mobile app. Select 'Pair' from the menu at the bottom of the screen.



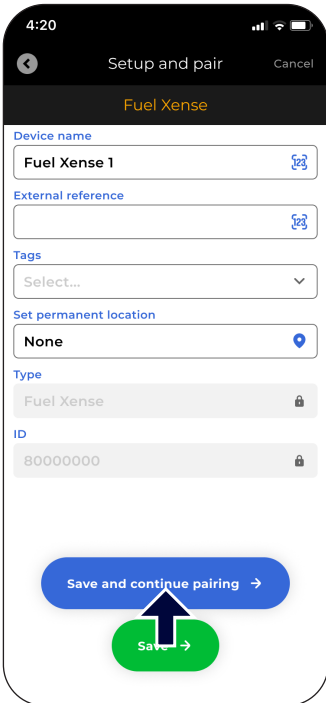
2 Scan the QR code on the Gateway Xentral.



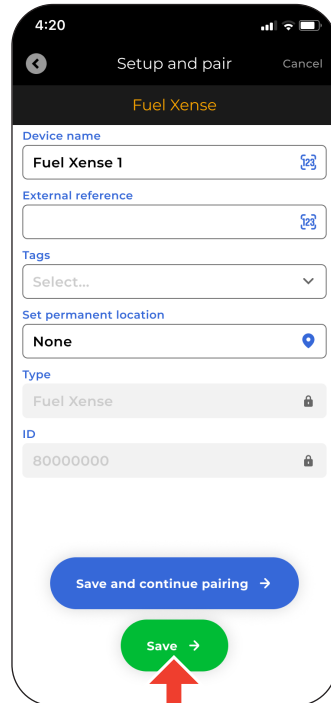
3 Name the Gateway Xentral, then press 'Save and continue pairing.'



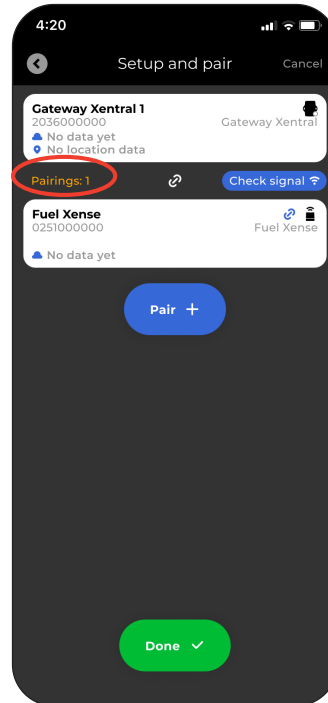
4 Scan the QR code on the Xense device you wish to pair.



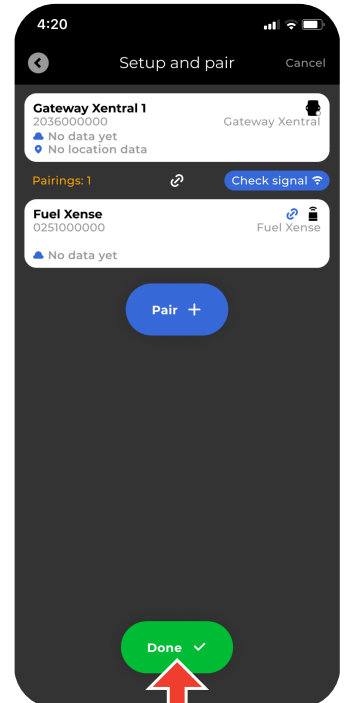
5 If you are pairing additional Xense devices, press 'Save and continue pairing'. Otherwise go to step 6



6 **Important:** When the final Xense device has been paired, press the 'Save' button.

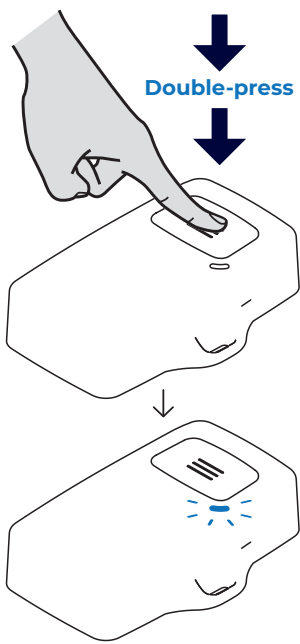


7 You will now see the Gateway Xentral and the paired Xense devices listed below.



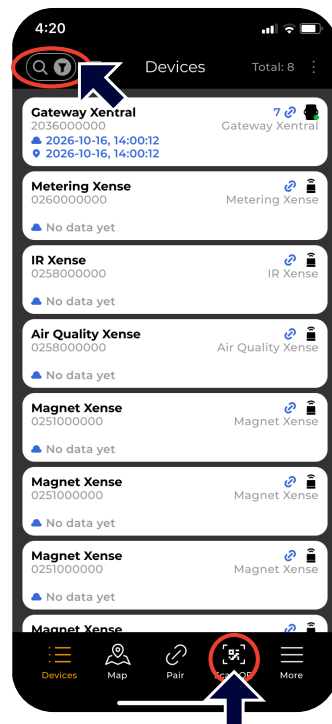
8 Finally, press 'Done'. You will then return to the main screen.
Important: If you don't press the 'Done' button, your pairings will not be saved, and you will have to start over.

4. Test devices using 'Install Mode'

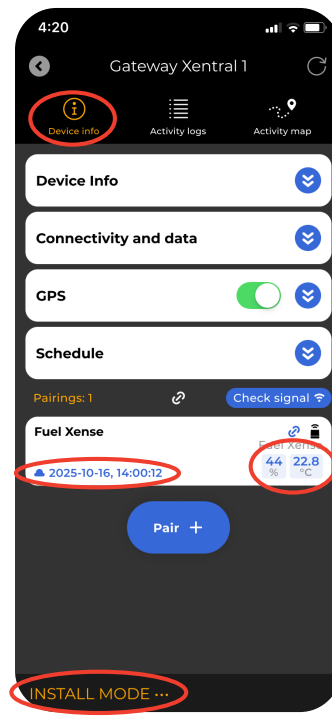


'Install Mode' for 5 minutes

1 **Double-press** the button on the Gateway Xentral. The LED will flash blue and green alternately. This sets the device to **'Install Mode'** for the next 5 minutes, allowing you to verify that the connected devices can send data to the cloud.



2 Locate the **Gateway Xentral** in the Xtellio Picco app. You can either use the **'Scan'** feature to find the device via QR code, or search by name or serial number.



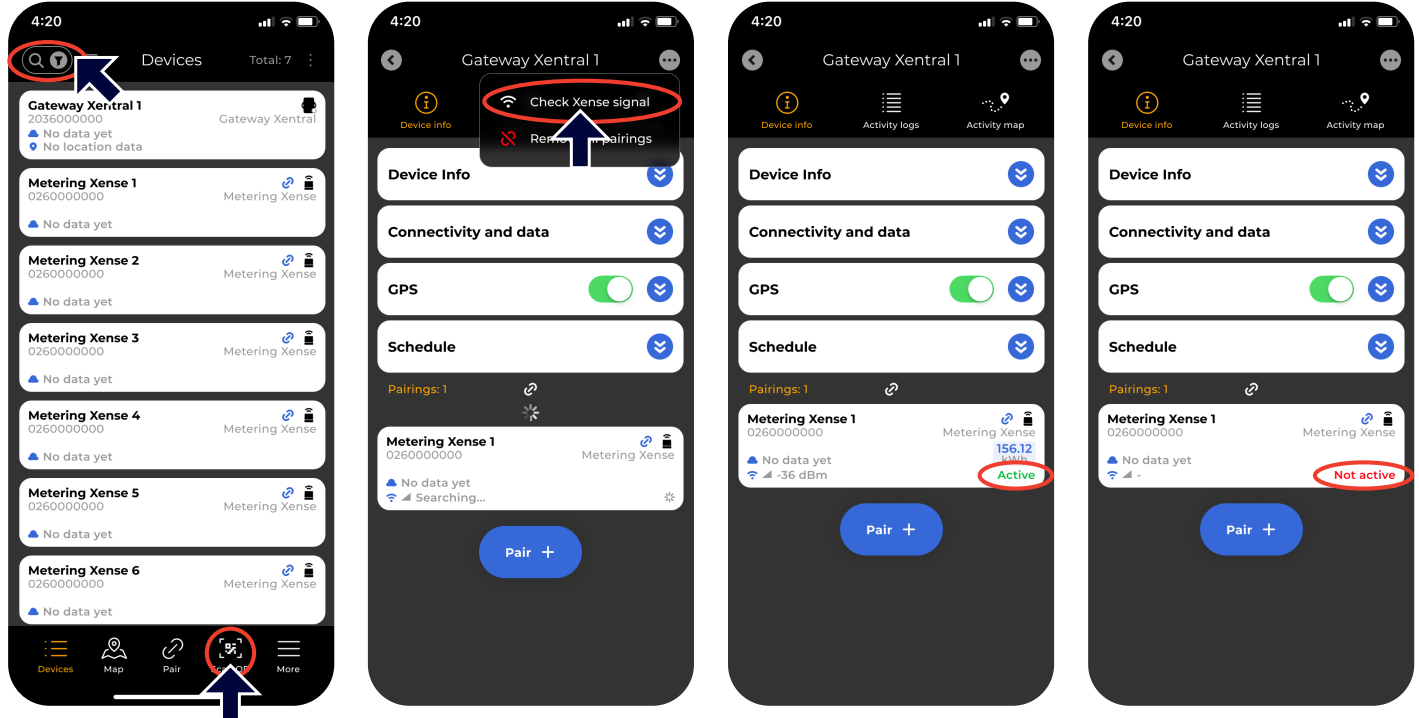
3 Once the device is scanned, the **device info** screen will appear. At the bottom of the screen, **'Install Mode'** will be displayed. Check that the paired devices are updated with new data values — this indicates that everything is working correctly.

◀ **NOTE:** If the paired Xense devices are not updated with a timestamp and data values within 2 minutes, see the Xense broadcast validation section in the "Troubleshooting and support" chapter.

Troubleshooting and support

Check if Xense is active

If your Xenses are not delivering data as expected, use your mobile phone to check whether a Xense is broadcasting a signal. Follow the steps below.















1 Locate the **Gateway Xentral** in the Xtellio Picco app if you are not already on its info screen. You can either use the **'Scan'** feature to find the device via QR code or search by name or serial number.

2 Ensure that Bluetooth is enabled on your phone. Press **'Check Signal'** to search for signals from the Xense. It can take up to 2 minutes before a response is received.







3A If **'Active'** is displayed, the Xense device is active and broadcasting data.

3B If **'Not active'** is displayed, the Xense device has not been activated. If you are certain that it is mounted correctly, there is unfortunately nothing more you can do. **Please contact Xtellio support, and we will help you resolve the issue.**

Device button commands

Command (purpose)	Button press	LED behavior during operation	LED behavior for success or failure
Activate (Used to wake up the device from factory sleep mode. This is only possible once.)	Long-press 5+ sec	 IMPORTANT! Release the button when green flashing starts.*	 3 green flashes = success  3 red flashes = failed**
Install Mode (Used to verify that paired Xenses can deliver data through the Xentral)	Double short-press	 Blue/green flashing (for 5 minutes).	 3 green flashes = success  3 red flashes = failed**
Status Update (Used to immediately trigger a measurement and data transmission to verify data delivery in Xtellio's apps)	Short-press	 Green and orange flashing.*	 3 green flashes = success  3 red flashes = failed**
Reboot / Hard reset (Same button procedure as activation. Only available for active devices.)	Long-press 5+ sec	 Release the button when green flashing starts.*	 3 green flashes = success  3 red flashes = failed**

Device LED indicators

LED	Meaning
 Green flashing	Button command is understood.
 Orange flashing	Using the NB-IoT radio module to connect to Xtellio Cloud.*
 Blue flashing	Using the BLE radio module to connect to Xense devices.
 Blue/green flashing	Install Mode active for 5 minutes.
 3 green flashes	Operation successful.
 3 red flashes	Operation failed.**

* After flashing orange, it may also shift to other colors, indicating that it is updating with new firmware or performing other tasks. What matters most is that it ends with three green flashes.

** **Troubleshooting:** If an operation unexpectedly ends with 3 red flashes, the operation has failed.


1) Wait 5 minutes and try again. > 2) Check signal conditions or move to another location and try again. > 3) Contact Xtellio support.

Support



Get in contact with Xtellio support:

 Mail to: support@xtellio.com

 Call: +45 3226 9200