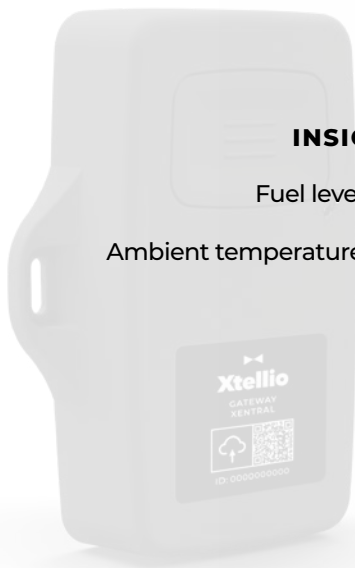
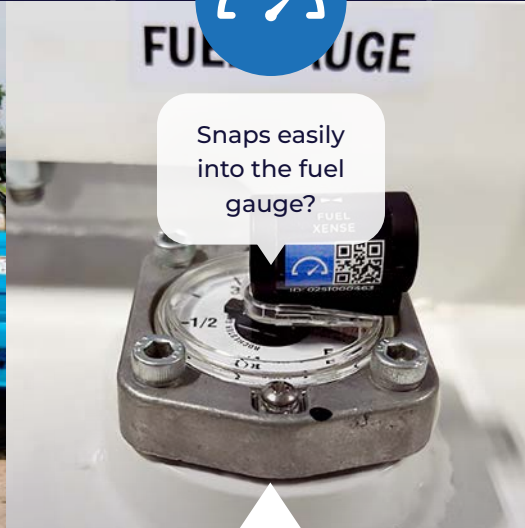
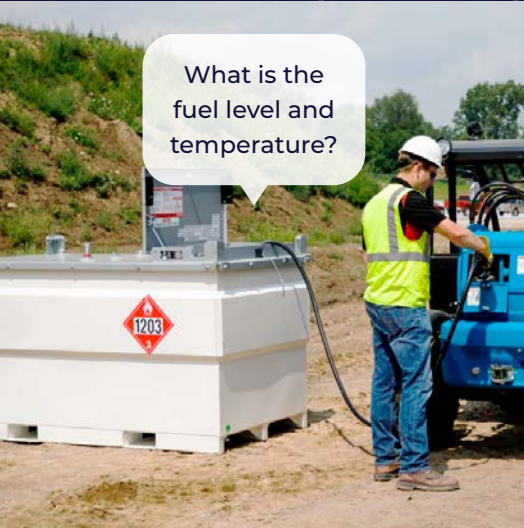




Product Info

Fuel Xense








INSIGHTS:

Fuel level 

Ambient temperature 



FEATURES:

-  Low-power wireless technology
-  Battery lifetime +5 years
-  CE certified
-  IP67-rated, industrial-grade
-  32 x 21 x 24 mm / 1.3 x 0.8 x 0.9 in

Fuel Xense measures both fuel level (%) and temperature (°C/°F), and is designed to fit seamlessly into the Rochester R3D Remote Ready fuel gauge. This allows you to monitor fuel levels remotely and helps keep your refilling process fully optimized. Since Fuel Xense transmits data wirelessly, there are no cables or wiring to install—making setup as simple as: Pair >> Snap >> Activate. To send data to the cloud, it must be paired with an Xtello Gateway Xentral (sold separately), which also enables GPS location tracking. This lets you keep an overview of all your deployed fuel tanks across various job sites.



Xtello

Your Data Butler

 MADE IN DENMARK

Contact us:
sales@xtellio.com
+45 3226 9200
xtellio.com



How it works

Default Operation

The Xtellio Fuel Xense measures fuel level from the fuel gauge (%) and ambient temperature (°C/°F).

When paired with a Gateway Xentral (sold separately), all collected data is securely transmitted to the Xtellio Cloud via an embedded SIM module, utilizing NB-IoT or LTE-M networks to ensure reliable connectivity—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

Xtello Fuel Xense:

Sensor measurement: **1 per hour**

Xtello Gateway Xentral (sold separately):

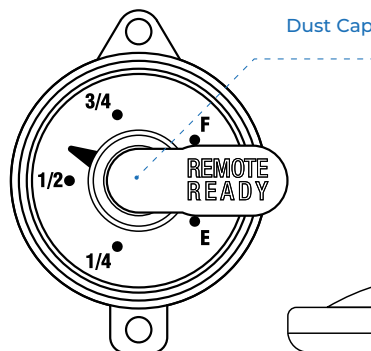
Cloud data transmission: **4 per day**

GPS location measurement: **1 per day**

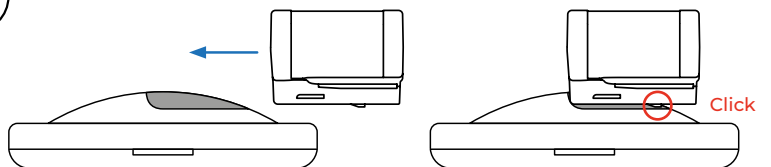
Configurable with Business or Premium subscription.

Mounting

Fuel Xense is easily fitted to the Rochester R3D Remote Ready fuel gauge.



First, remove the dust cap and snap in the Fuel Xense as illustrated below.





Technical specification

P/N: 90049001

Wireless communication

Standards: BLE 5.1 - 2,4 GHz
Line of sight up to 200 m / 650 ft
Indoors up to 50-80 m / 160-260 ft

Sensors (built-in)

Fuel: 3D magnetic density sensing. Wake-up function. Field strength < 16mT.
Ambient temperature: Range: -20°C to 60°C / -4°F to +140°F,
Accuracy: ±1°C / ±1.8°F (-20°C to 60°C / -4°F to +140°F).

Power

Battery: One cell solution: Industrial 3.6V ½AA Lithium Thionyl Chlorid battery.
Estimated lifetime with default settings: +5 years (non-rechargeable battery).

Operating conditions

-20°C to +70°C / -4°F to +158°F

Certification & Compliance

CE and RoHS

IP Classification

IP67-rated, industrial-grade

Mechanical properties

Xense casing

Dimensions: 32 x 21 x 24 mm / 1.3 x 0.8 x 0.9 in
Weight: 18 gr / 0.6 oz (Approx.)

