

HYDRAO | METER

Revolutionary wireless water network surveillance & monitoring solution

Allows continuous transmission and real time leak detection with unlimited lifetime, as the power comes from the water !



Real time usage



Prevents leaks



Monitors volume, temperature and water pressure



1000m+ range

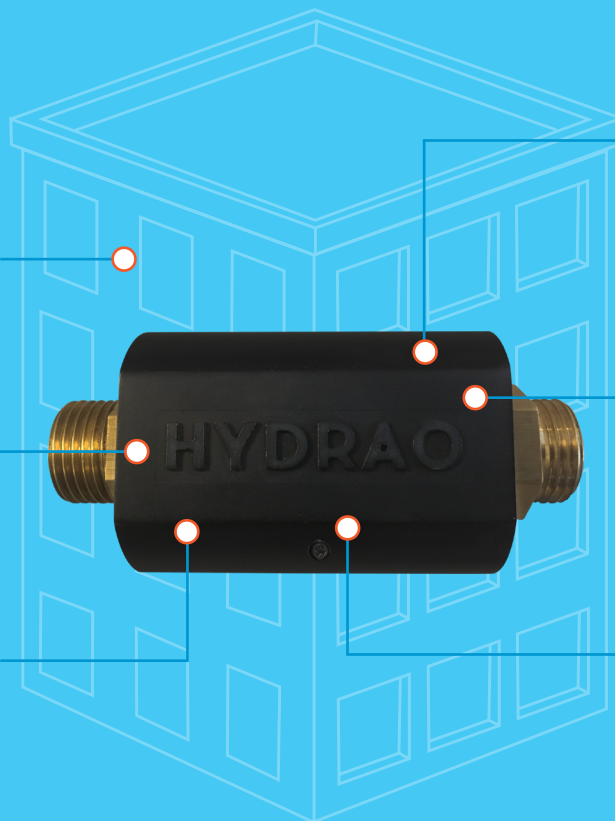


Battery-less

Access to Hydrao meter data in the cloud through private & reliable LoRa network

Monitors not only **water volume**, but also **water temperature and pressure**

High rate data transmission (every 60 seconds) making **ultra fast reaction** possible in case of leak or water distribution issues



Battery-less technology allowing more than 10y lifetime without maintenance

Equipped with a proprietary LoRa technology with **1km+ range**

A **turbine-based device**, making it insensitive to vibration noise (i.e. civil work)

HYDRAO
SMART SOLUTIONS FOR WATER CONSERVATION

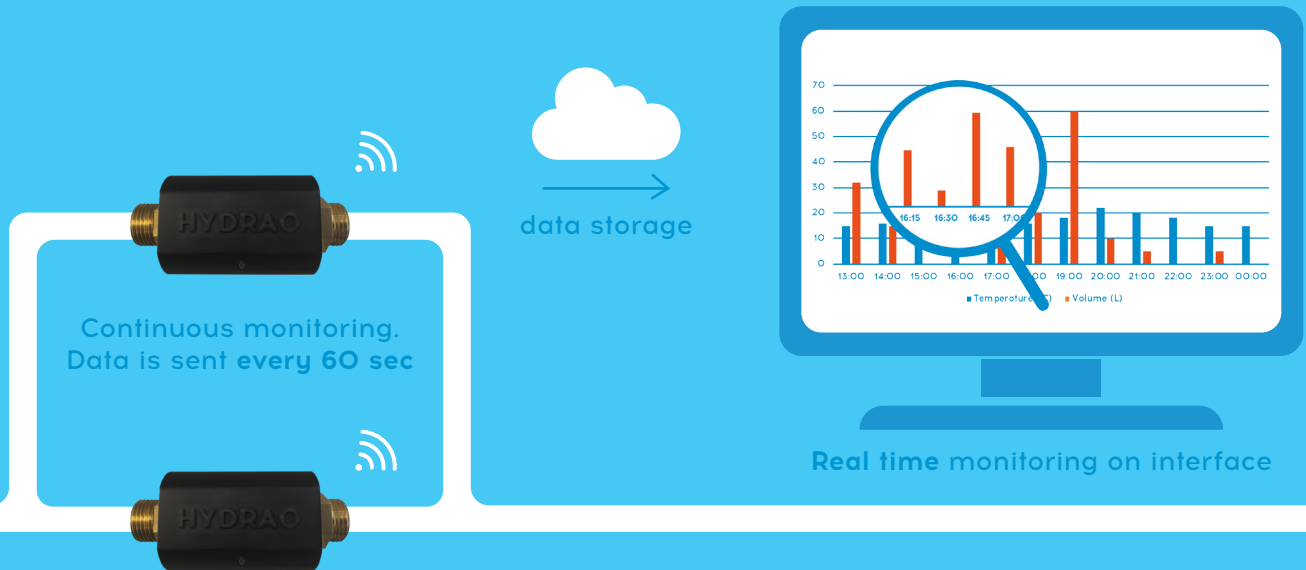
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How does it work ?



Follow up several parameters with HYDRAO Meter and analyze what is happening in your building in real time. You can also set-up alerts for leaks.

Specifications	
Flow range (L/min)	2,5 - 25
Flow measurement accuracy	10 %
Temperature range (°C)	10 - 50
Temperature measurement accuracy	± 0,1 °C
Connectivity	Wireless using LoRa
Frequency Band (MHz)	868 (EU) & 915 (US)
Distance range (open field in m)	1000
Pipe connection dimensions	½" (15 x 21) and ¾" (20 x 27)
Casing dimensions (mm)	110 x 50 x 50
Power	From the water flow (or optionnaly plugged on)
Energy storage	Can be added if needed
Data transmission	Water flow and volume are sent every 60 seconds. Temperature is measured and sent 10 seconds after startup
Lifetime	10 years