

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

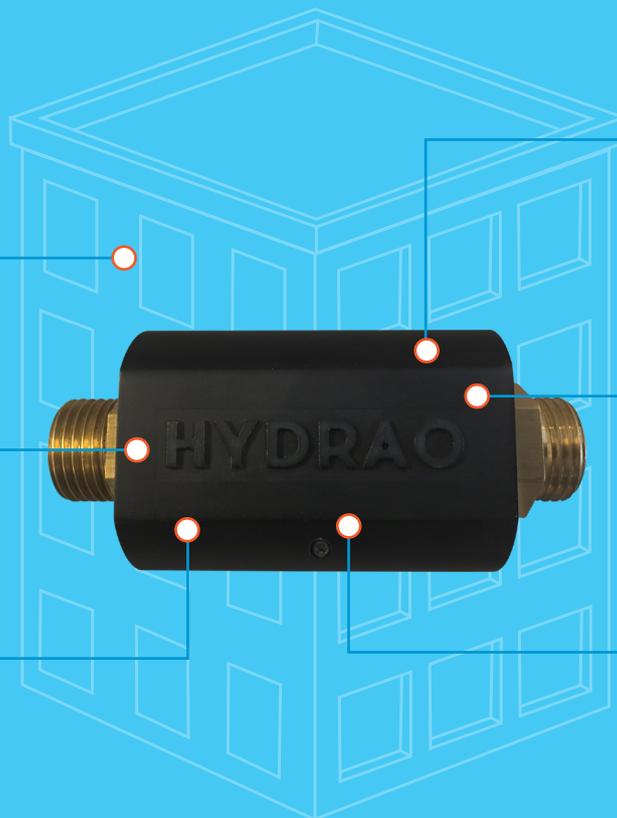


Battery-less

Access to Hydrao meter data in the cloud through private & reliable Sigfox 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 Sigfox technology with **1km+ range**

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

HYDRAO
SMART SOLUTIONS FOR WATER CONSERVATION

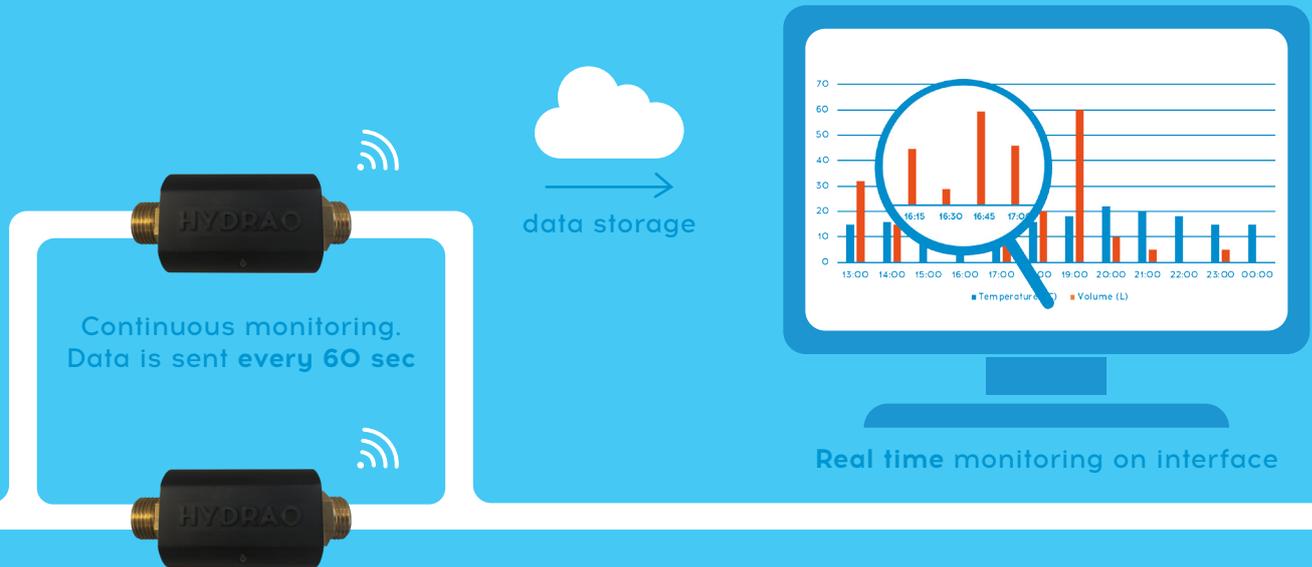
12 rue Jules Horowitz
38000 Grenoble, FRANCE

+33 (0)6 33 87 15 47
gabriel@m@hydrao.com



HYDRAO | METER

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 Sigfox |
| Frequency Band (MHz) | 868 (EU) & 902 (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 |