

The Hero Labs Smart Leak Detector

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London-based startup Hero Labs presents a smart leak defense system-- Sonic, a sensor the company says is the only one available in the UK to use ultrasonic technology to monitor water use.



Initially aimed at the high-end residential market, the Sonic sensor is easily installed under the sink. It uses the aforementioned ultrasonic technology in conjunction with AI algorithms to detect anything from a slow dripping tap to a burst water pipe. In case of leak detection the Sonic sends an alert to homeowners via companion app, and can even automatically shut off the water supply to prevent water damage.

The leak defense system can be installed anywhere, including basements and other difficult to access spaces with no wifi signal. Hero Labs says the sensor carries radio technology able to pass through 8 concrete floors, while battery power means it needs no wiring. An optional Hero Assist service adds a human-based monitoring centre and 24/7 emergency assistance.

"Anyone who's experienced a water leak in their property knows the trauma it causes," Hero Labs adds. "Being able to turn off your water supply from an app is the kind of futuristic technology that shouldn't be exclusive to the world's super rich-- we want everyone to be able to protect their property and for customers to trust us to do this. That's why we've developed a neat solution to water leaks from the ground up that is accessible to everyone."

The Sonic launches in the UK on Q4 2019.

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