

Smarterwater® SW Manhole Sensor

The Hynds Smarter SW Manhole Sensor allows for intelligent monitoring of stormwater gravity networks.



TECHNICAL GUIDE: **AHS1.2**

Application

Surcharge and combined sewer overflow alarms

Anti-tampering notifications

Pipe blockage

Infiltration

Capacity

Flood warning

Approvals/Standards

LPWAN connectivity

Patent pending

Product Attributes

Non-contact radar technology for increased accuracy and reliability

Battery operated

Seamless integration with user systems

No confined space installation requirements

Compatible with a wide range of covers

Will not interfere with manhole use

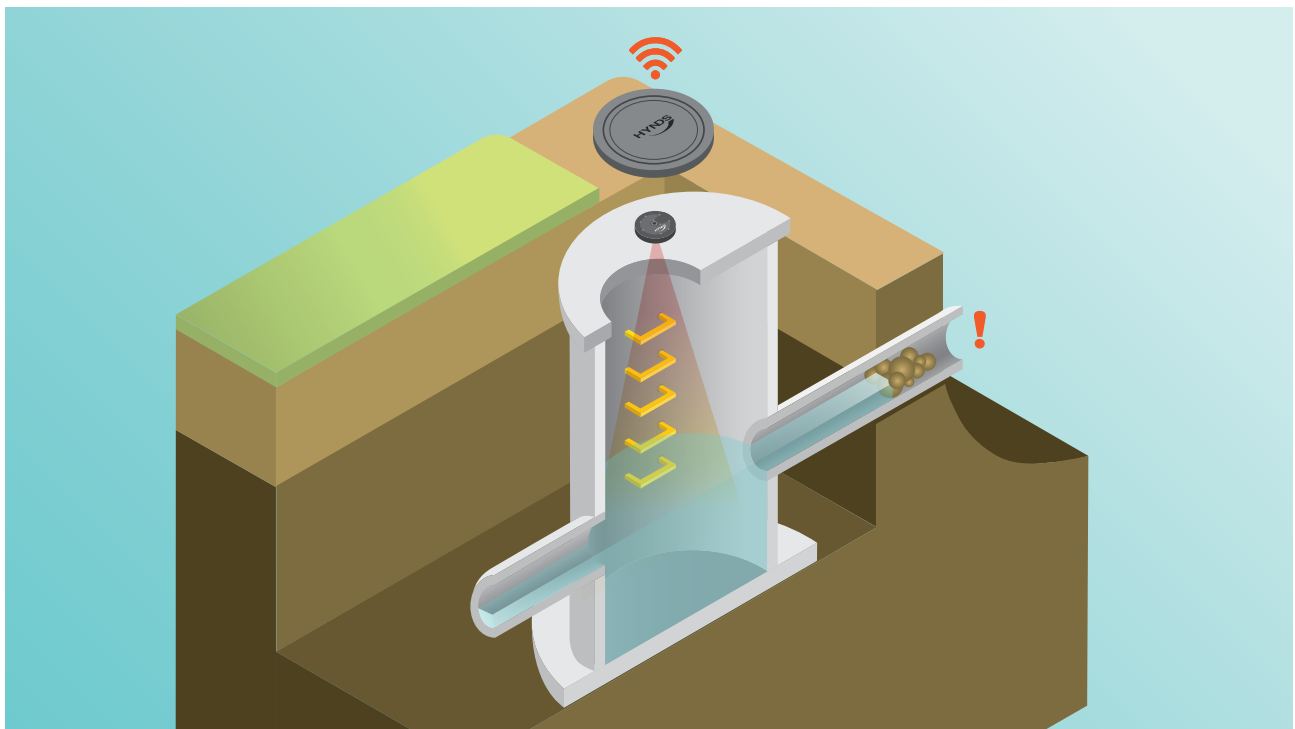
The Hynds Smarter SW Manhole Sensor allows for data to be collected through a sensor that is secured to the bottom of the cast iron/ductile iron access cover.

The external heavy-duty antenna transmits the signal via a secure network to the Hynds Data Platform or any platform of your preference. No brackets, no confined entry, no expensive installation or setup costs. You can

now monitor and control undesired overflows, analyse trends, and have peace of mind that our near real-time alarm will trigger in case of unauthorised entry to the manhole.

Water depth detection technology	Radar
Water depth measurement range	5500mm
Water depth accuracy	+/- 0.25%
Alarm of lid opening	Real-time
Communication	Sigfox
Power supply	Li-SOCl2
Battery life	3 - 10 years*
Operating temperature	-15° C to +65° C
Operating humidity	5% to 95%

*depending on frequency of readings



Scan for more information

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