

Smarterwater® WW Manhole Sensor

The Hynds Smarter WW Manhole Sensor allows for intelligent monitoring of wastewater gravity networks.



TECHNICAL GUIDE: **AHS1.3**

Application

Wastewater manhole levels
 Surcharge and combined sewer overflow alarms
 Anti-tampering notifications
 Pipe blockage
 Infiltration
 Capacity
 Flood warning

Approvals/Standards

LPWAN connectivity
 Patent pending
 Intrinsically safe - IEC Ex certified

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

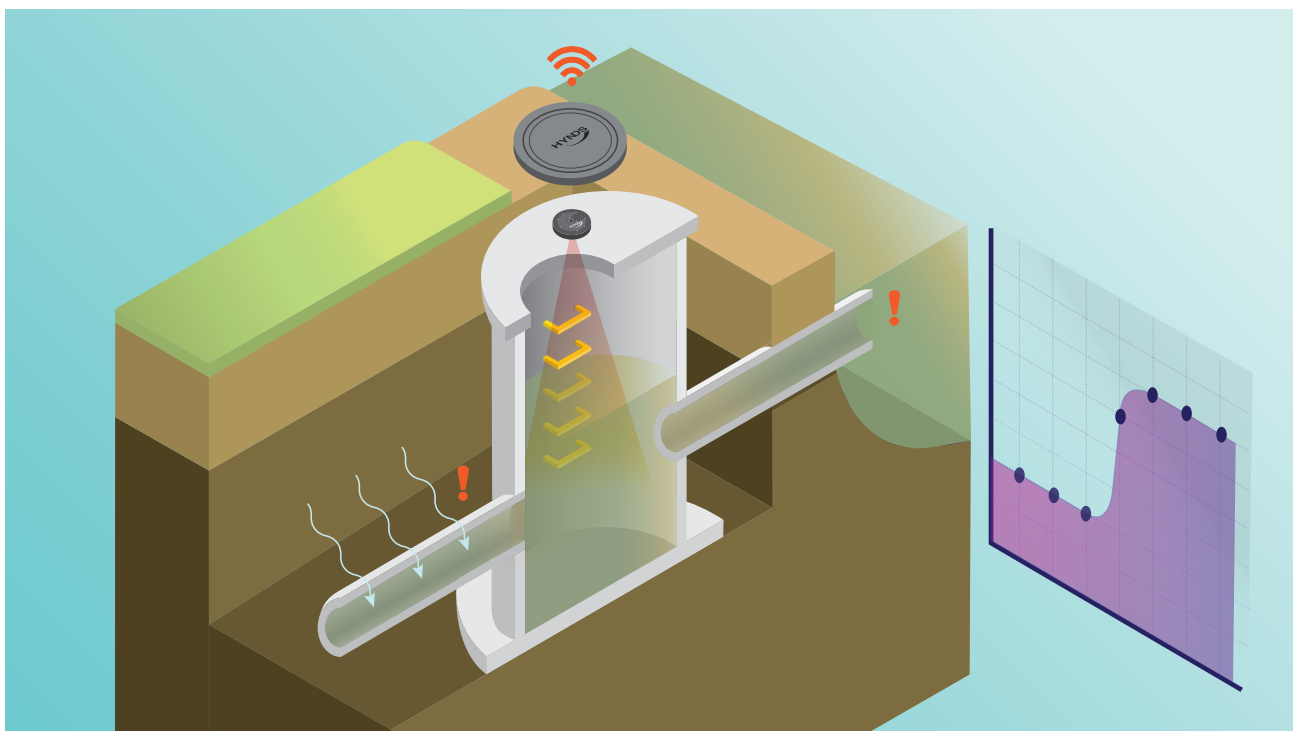
The Hynds Smarter WW Manhole Sensor Ex allows for data to be collected through a sensor that is secured to the bottom of the cast iron/ductile iron access cover.

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 real-time alarm can 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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