

Diehl Metering

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LoRaWAN® Technology Expands Connectivity Range for HYDRUS 2.0 Ultrasonic Water Meter

Diehl Metering, leader in metrology and innovative IoT solutions, unveils the latest addition to its water meter portfolio: the ultrasonic HYDRUS 2.0 with LoRaWAN® connectivity.

Master of metrology

The youngest smart water meter in Diehl Metering's portfolio, HYDRUS 2.0, is already recognized for its outstanding water metering performance: a broad spectrum (R800) of exceptional accuracy (market leader), exceptional resistance to limescale or sand, exclusion of air from its calculation, and its ultrasonic technology offer notable stability and durability.

Building smart cities and beyond

Anticipating the needs of IoT communication networks that will enable cities to seamlessly integrate new smart city services, Diehl Metering has chosen to extend the connectivity options of its HYDRUS 2.0 meter by incorporating open-standard LoRaWAN® technology. Coupled with the IZAR Meter Data Management (MDM) software IZAR@NET2, or any other MDM software, remote meter configuration and parameterization by electronic means enables seamless network management. Historical data analysis opens a wide range of possibilities, such as leak detection - increasingly critical, especially in harsh environments where HYDRUS 2.0 is a champion.

LoRaWAN® and multiconnectivity

Constantly expanding around the world, LoRaWAN® technology is used in a wide variety of sensors (CO₂ detectors, parking, outdoor lighting, etc.) and offers a series of advantages, including interoperability and a well-developed eco-system.

The addition of Lora technology to the HYDRUS 2.0 range enhances flexibility and adaptability, making it an ideal choice to integrate variety of IoT applications, enabling customers to leverage the benefits of LoRaWAN®, while ensuring that their water metering needs are met effectively and efficiently.

Customizable connectivity options

The biggest advantage is having the choice and not being tied to a single technology for a use that prevents the development of other IoT applications. Customers can now choose from three

connectivity options when purchasing HYDRUS 2.0: Diehl Metering's OMS technology, mioty®, or the newly introduced LoRa® connectivity. This flexibility allows customers to tailor their solution to their specific needs, whether they are setting up a new network or already have one installed.

Availability

HYDRUS 2.0 Domestic with LoRaWAN® connectivity is now. This anticipated product represents a further step in the evolution of IoT water metering solutions, and underlines Diehl Metering's commitment to providing cutting-edge technology to meet the diverse needs of our customers.

For more information about the HYDRUS 2.0 and its connectivity options, please visit our website:

[LoRaWAN technology activates intelligent resource management | Diehl Metering](#)

About Diehl Metering

Diehl Metering is a worldwide leader in the design, manufacture and supply of smart metering solutions. With over 160 years of experience, we empower utilities, municipalities and industries to take control of their infrastructures, bringing greater efficiency, sustainability and responsibility to the way they manage water and energy. Our extensive range of services and solutions includes data-driven insights, IoT connectivity, fully flexible software, and seamless intelligent metering. We have pioneered several new technologies in the metering sector and continue to develop innovations in digitalization and artificial intelligence. Our entire portfolio is founded on creating enduring value and building lasting relationships with our customers. Headquartered in Germany, we are a family-owned business with an international reach. We are proud to maintain our founding principles of quality, reliability and customer proximity, proactively shaping a better future for our customers and the communities they serve. Our approach is to think global and act local. By anticipating trends and remaining agile, we adapt and develop our strategy with our customers and for them. In supporting their long-term growth, we also contribute to the sustainability of the planet, crafting innovations that enable our customers to make ever better use of the natural resources we all rely on.

Website: www.diehl.com/metering

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