

North America AMI Water Meter Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

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Abstracts

North America AMI Water Meter Market was valued at USD 468.9 million in 2024 and is projected to expand at a remarkable CAGR of 28.7% between 2025 and 2034. This growth is primarily driven by the increasing adoption of smart water management technologies that are transforming how utilities manage and monitor water consumption. As the demand for water conservation grows, AMI systems, with their real-time data collection, offer more precise readings and enhanced operational efficiency. These systems not only address the growing need for sustainable water use but also reduce wastage and improve service reliability. By providing utilities with accurate and timely information, AMI technology supports better decision-making and operational improvements.

Moreover, the growing regulatory push for energy-efficient practices and the adoption of advanced metering systems are further fueling market expansion. These regulations ensure utilities enhance their service offerings through smarter technology, improving billing accuracy, detecting leaks more efficiently, and boosting customer engagement. Technological advancements, especially in IoT and communication networks, are enabling the smooth integration of AMI systems into existing infrastructures. As a result, these solutions are perfectly suited for modern smart cities and projects focused on sustainability.

The residential sector is expected to emerge as a dominant force in the market, with projections indicating it will generate USD 2.6 billion by 2034. Homeowners are increasingly looking to optimize water usage, driving the demand for smart meters that allow for real-time monitoring and more responsible consumption. This shift towards water efficiency aligns with broader sustainability initiatives and is boosting adoption

rates across residential areas.

In terms of product categories, cold-water meters are expected to see substantial growth, with a projected CAGR of over 28.3% through 2034. Cold-water meters are crucial for both residential and commercial use, as they provide critical insights into water consumption, supporting better resource management, accurate billing, and leak detection.

The U.S. AMI water meter market is set to reach USD 3.9 billion by 2034, reflecting the nation's leadership in the implementation of smart water management systems. Utilities across the U.S. are capitalizing on the power of AMI meters to address water conservation concerns, modernize infrastructure, and improve operational efficiency. With real-time data insights, AMI systems are reducing water loss and optimizing utility operations, leading to broader adoption throughout the country.

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