

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

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## Abstracts

The Global AMI Water Meter Market reached USD 1.6 billion in 2024 and is projected to grow at a robust CAGR of 30% from 2025 to 2034. This growth is driven by increasing concerns about water scarcity and the rising demand for more efficient water management systems. Government regulations requiring better monitoring of water consumption and leak detection accelerate the adoption of AMI technologies.

AMI water meters, which integrate Internet of Things (IoT) technologies, allow for real-time data collection, improving operational efficiency and supporting water conservation efforts. As smart technologies continue to evolve and smart city initiatives gain momentum, the adoption of AMI is expanding globally. Additionally, the growing awareness of water wastage and the need for optimized billing systems are significant factors driving the market, particularly in urban areas.

The residential sector is expected to account for USD 10.5 billion by 2034, with increased demand for accurate billing systems, enhanced water conservation, and better resource management. As water scarcity becomes urgent, governments are implementing smart metering systems that enable real-time consumption and leak detection. The rise in smart homes and the proliferation of IoT-enabled devices promote the adoption of AMI water meters in residential communities. This shift is not only improving customer involvement through detailed used data but also helping utilities enhance operational efficiency.

The cold water meter segment is expected to grow at a CAGR of 29.5% through 2034, driven by the need for precise water consumption monitoring and improved billing accuracy. As smart city initiatives continue to spread, the demand for advanced metering technologies is accelerating. Additionally, government policies mandating

smart meters for better resource management and leak detection are boosting the market. Consumers' increasing awareness of water wastage and the necessity of sustainable water practices are also fueling market expansion.

U.S. AMI water meter market is expected to reach USD 63.5 billion by 2034. Demand for precise metering and real-time consumption monitoring, supported by government regulations and water conservation initiatives, propels the market growth. The integration of IoT and smart technologies into AMI systems enhances functionality, which further encourages adoption across various sectors. As concerns about water scarcity grow and customer engagement initiatives expand, the AMI water meter market continues to gain momentum, ensuring more efficient management of water resources.

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