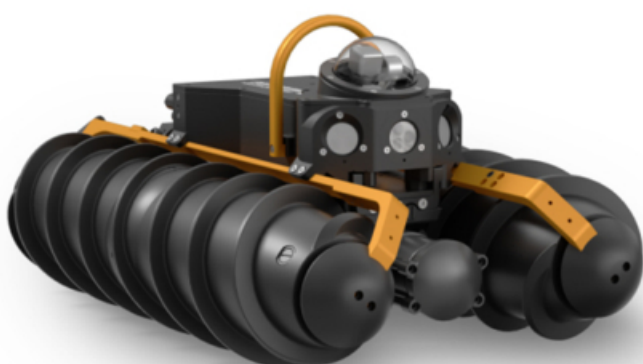




DASHENG Capsule Robot

The DASHENG Capsule Robot is an unpowered floating robot. Equipped with a three-axis stabilized gimbal, it offers excellent anti-shake performance and displays stable real-time images even in turbulent pipe environments. It is primarily used for video inspection and diagnosis within municipal drainage pipes and stormwater and sewage collection pipes. It performs rapid inspections in pipes with a diameter of DN200 or larger, a water depth of at least 70 mm, and high flow rates.



Gator Mini All-Terrain Robot

The Gator Mini, a small all-terrain pipeline inspection robot, features a compact spiral chassis equipped with a three-axis gimbal, capable of accessing pipes as small as DN400. Its unique spiral propulsion mechanism is suitable for complex environments with high water levels and silt accumulation, such as municipal drainage pipes, underground culverts, river shoals, and sandy swamps. It is an effective tool for inspecting specialized pipe conditions.



OTTER-MINI Pipeline Sonar Raft

The OTTER-MINI Pipeline Sonar Raft is an unpowered floating sonar inspection robot suitable for inspecting complex pipelines, such as those with high water levels and those filled with water, with a diameter of DN200 and above. Its integrated, ultra-compact design allows for strong maneuverability and easy deployment and recovery. Equipped with a circular scanning sonar, it provides dual-frequency precision detection for defects such as deposits, deformation, damage, and foreign matter insertion, and quickly generates inspection reports with a single click.



Application scenarios

