Demonstration on Efficient Sewer Management System Using Advanced Image-recognition Technology



Achievements Comparison with the conventional self-propelled TV camera

- Traveling performance: detectable to internal diameter of $\varphi 200$ to 700, span length of 500 m
 - Require no cleaning for 20% or less sediment
 - > Require no water stop except for a camera submerged
- Image recognition performance: detectable ten kinds* of anomaly. *Rank A corrosion or rank a damage having negative impacts on sewer can be found with 75-86% accuracy.
- Reduce inspection costs by 40%, and improve daily travelling distance to 160%