ASIMOV
STORES

Model# dolphine M

Wireless connection

The control terminal is connected to the cable cart via Wi-Fi, with an effective distance of 10m, ensuring zero video delay and no lag.

Strong obstacle-climbing capability

Optional enhanced chassis with a maximum climbing angle of ∠35° and anti-rollover alarm function

IP68 protection level, waterproof and dustproof design

High-definition lens

2.1MP front and rear cameras, front gimbal with one-touch defog function, scratch-resistant, wear-resistant, and condensation-resistant lenses

Modular design

M3 pan/tilt, lift, and wheels can be quickly installed and disassembled to meet the inspection needs of different pipe diameters.

Applicable to multiple pipe diameters

Applicable to urban rainwater and sewage drainage pipes, box culverts, and culverts with diameters from DN150-3000

Equipped with modules

Inertial navigation and mapping module

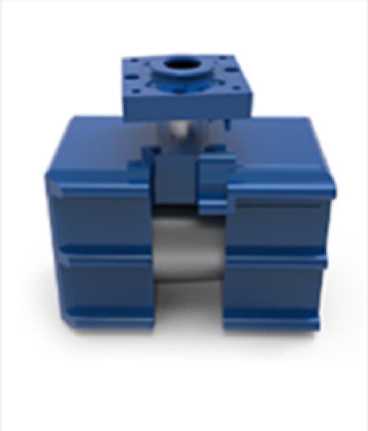
Gas detection module

Vpper high bcamn scarchlight mod ule

4G gateway

L3 infrared thermal imaging HD PTZ

L3 gimbal with 18x zoom



3D laser scanning radar module

Application scenarios

Municipal drainage network is one of the important infrastructures of a city. In urban life, drainage network is as indispensable as blood vessels of the human body. During the construction of drainage network, pipeline installation is an important hidden project and the core of the whole project quality. Pipeline inspection robot can well grasp the pipeline situation through endoscopic inspection of drainage network.condition

Using CCTV inspection systems such as drainage pipe inspection robots and high-definition endoscopic cameras, inspections of dangerous areas such as box culverts and culverts can be realized Peep detection.

There are a large number of unknown goafs in many resource integration mines in my country. The use of crawling robots to detect disasters such as water disasters, fires, sudden roof collapse, etc. caused by goafs can eliminate safety hazards.

When urban pipeline corridor projects such as electricity, communications, gas, water supply and drainage are completed, pipeline inspection robots can be used to inspect and then perform maintenance and repair