



ASIMOV
STORES

Model# dolphin x



Wireless connection

The tablet control terminal is wirelessly connected to the cable cart Wi-Fi, with an effective distance of 10m, ensuring zero video delay and lag.

High protection level

The crawler has a new waterproof design and an IP68 protection level.

Strong obstacle-climbing capability

The crawler features a six-wheel, dual-motor drive design with a maximum climbing angle of 37°

Applicable to multiple pipe diameters

Used for testing urban rainwater, sewage, and drainage pipes, culverts, and culverts with diameters of DN200-3000

Integrated body design

The crawler, lift, and pan/tilt head utilize an integrated design and assembly process, effectively addressing the instability issues associated with the crawler due to harsh operating environments and other factors.

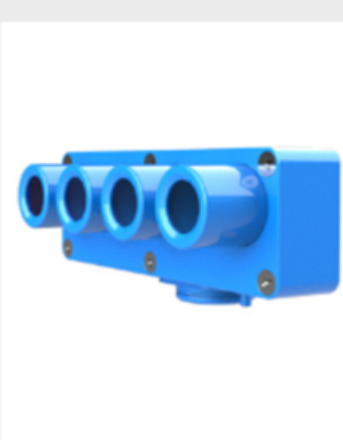
High-definition lens

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

Equipped with modules



Inertial navigation and mapping module



Gas detection module



Upper high beam searchlight module



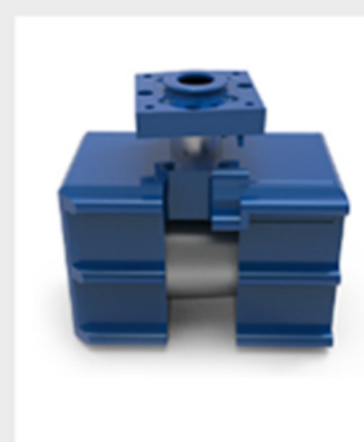
4G gateway



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

