



ASIMOV
STORES

Model# dolphine Z



Portable tablet terminal

Built-in user-friendly and simple operating software, tablet terminal controls the machine

Wireless connection:

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

New stabilized lift frame:

The lift frame features a new, shortened cantilever design, effectively reducing jitter during video recording, ensuring high-definition and stable imaging.

High-definition dual cameras

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

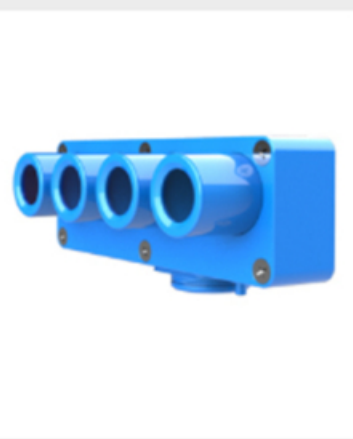
Integrated and stable body

Using a lightweight, integrated molding casting process, the equipment is more stable when used in the harsh environment of pipelines.

Equipped with modules



Inertial navigation and mapping module



Gas detection module



Upper high beam searchlight module



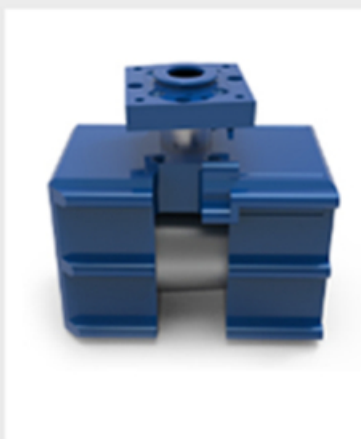
4G gateway



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

