

Orca

Pipe inspection pack includes Dasheng, Otter Mini, and Discovery-Screw drive standard. They meet the demands of high-water, high-flow, and complex pipeline inspection.

Dasheng is a passive-floating robot for DN200 and up pipeline inspection. It works in depths of at least 70mm, providing stable inspection images in high speed flow.

Otter Mini is a passive-floating robot for DN200 and up high-water pipeline inspection, which has full-circle scanning sonar for detection of sedimentation, deformation, and damage.

Discovery Gator mini is a robot for DN400 and up high-water and silty pipeline inspection, which is suitable for complex inspection.



Pipe inspection		Dasheng	Otter Mini	Discovery Gator Mini
	Deployment range	DN200 and up	DN200 and up	DN400 and up
	Dimensions	344×168×180mm	415×138×120mm	630×375×261mm
	Weight	approx.2kg	approx.2.1kg	approx.9kg
	Permissible ambient temperature	-10°C~60°C	0°C~40°C	-10°C~60°C
	Pan & Tilt	none	none	360° rotation, 90° panning range
	Camera resolution	Full HD	Full HD	Full HD
		2.1 Megapixels 1920×1080P	2.1 Megapixels 1920×1080P	2.1 Megapixels 1920×1080P
	Digital zoom	4 x	none	4 x
Cable drum	Lighting	2 white power LEDs	1 white power LEDs	2 white power LEDs
	Dimensions	594×383×484mm	594×383×484mm	594×383×484mm
	Weight	45kg	45kg	45kg
	Motor-driven	✓	✓	✓
	Cable length	150m	150m	150m
	Protection class	IP65	IP65	IP65
Control unit	Dimensions	10.4 inch	10.4 inch	10.4 inch
	Operating system	Android	Android	Android
	Battery	8h	8h	8h
	Data storage	128G	128G	128G
	Connections	Type-c	Type-c	Type-c
	Data transmission	Wi-Fi connection	Wi-Fi connection	Wi-Fi connection

