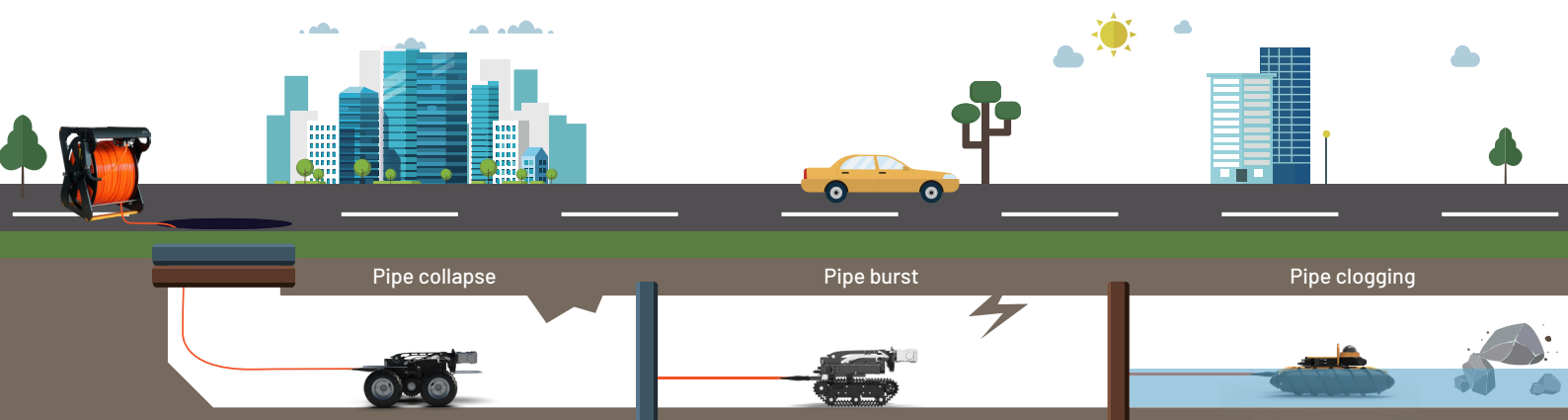


Discovery Gator S2 is an

efficient UV curing system consist of a main control unit, a light chain/light core, and additional tool kits. With adjustable UV mercury lamps, it serves a wide range of pipe diameters from DN150-1500, meeting diverse pipeline repair needs.



Drive module		Screw drive module	Wheel Drive module	Track-wheel drive module
	Deployment range	DN600 and up	DN400 and up	DN500 and up
	Drive	2-screw driven	6-wheel driven	Independent driven
	Steerable	✓	✓	✓
	Max. speed	0.3m/s	none	none
	Against flow speed	≤0.2m/s	none	none
	Permissible ambient temperature	-10°C~60°C	-10°C~60°C	-10°C~60°C
	Protection class	IP68	IP68	IP68
	Battery	2h×2pieces	2h×2pieces	2h×2pieces
	Max. angle of rotation	262rpm	none	none
	Inclination sensor	✓	✓	✓
	Temperature sensor	✗	✗	✗
	Pressure depth rating	✗	✗	✗
	Overturn protection	✓	✓	✓
	Lowering arm	✗	in-bulit	in-bulit
	Wheel sets	✗	5 inch, 9 inch	✗
Combinable with	Sonar, Laser			
Cable drum		300m	1000m	2000m
	Dimensions	478×390×485mm	640×480×705mm	640×480×705mm
	Weight	33.5kg	75kg	84kg
	Motor-driven	✓	✓	✓
	Meter counter	✓	✓	✓
	Power supply	Battery,8h; power cord(optional)	Battery,8h; power cord(optional)	Battery,8h; power cord(optional)
	Protection class	IP65	IP65	IP65
	Cable level wind assembly	✓	✓	✓
	Emergency stop switch	✓	✓	✓
Control unit	Dimensions	10.4 inch		
	Weight	approx.447g(excl. pad case)		
	Operating system	Android		
	Display resolution	≥1920×1200P		
	Display type	Capacitive(10-fingers multi-touch)		
	Display information	date, time, tractor position angle, inclination, distance, inspection video, text input, overturn alert and tractor control		
	Battery	8h		
	Data storage	128G		
	Connections	Type-c		
	Data transmission	Wi-Fi connection		



Camera		CCTV Camera Head	Panoramic Camera
	Pan & Tilt	360° rotation, 180° panning range	360° rotation, 90° panning range
	Front camera resolution	Full HD	Full HD
		2.1Megapixels	2.1Megapixels
		1920x1080P	1920x1080P
	Backeye camera resolution	Full HD	Full HD
		2.1Megapixels	2.1Megapixels
		1920x1080P	1920x1080P
	Optical zoom	10 x	4 x
	Lighting	4 white power LEDs	4 white power LEDs
	Auxiliary light	10 white power LEDs	6 white power LEDs
	Rear light	2 white power LEDs	3 white power LEDs
	Light sensitivity(lux)	0.01Lux	0.0001Lux
	Elevator	motorized	motorized
Sonar module	Defog	√	✗
	Reset	√	√
	Weight	0.4kg	
	Sonar model	SCANFISH-II	
	Frequency	2MHz	
		667KHz	
	Min. monitor distance	50mm	
	Max. monitor distance	2MHz: 6m	
		667KHz: 12m	
	Max. water depth	1000m	
Laser module	Accuracy	2.00mm@2MHz, 1m	
		2.60mm@2MHz, 2m	
		5.00mm@2MHz, 6m	
	Measuring distance	0.1-12m	
	Accuracy	±1mm	
	Protection class	IP68	