Device Name	Sewer Crawler	Equipment Model	EDPA-2000
The Standard Cable length	200meters	Cable Length optional	200m / 300m



Warranty:12months

Payment term:
T/T, Paypal, Western Union

MOQ: 1 set

Delivery time:
30 days after receive payment

Features:

1) for the sewer pipes dia from 150mm to 2000mm
2) PTZ CCD camera head, pan 360°, tilt 2 * 90°, 10:1 optical, 12:1 digital zoom, IP68, can underwater 10m depth
3) Rear view camera
4) The large crawler, electric clutch, dual DC motor(150W)
5) The mini crawler, manual elevator, dual DC motor (50W)
6) Auto cable reel, 200m cable with counter
7) Win7 system, 128GB SSD, Record video in site
8) 8" TFT highlight LED screen
9) Functions: Video record, picture snap, text edit and meter/foot count

Product parameters

FLX-TVS2000M Pipe Crawler is a portable all-in-one device for inspecting pipelines with diameters from 150 to 2000 mm (15"-80"). It features dependable, sturdy, highly adjustable design offering users ultimate inspection experience and true portability. It is one of the most sophisticated and efficient, yet easy-to-use and affordable devices in the market.

The pipe inspection robot includes several modules that are easy to transport and assemble: pan-tilt-zoom camera, insertion cable, controller, cable reel and 2 crawlers(large crawler & mini crawler). Optional accessories are available on request.

The pan-tilt-zoom camera with continuous rotation is equipped with a 0.01 lux sensitive, high-definition CCD anti-fogging camera and laser scale, provides high-quality well-rounded image of pipeline interior. The camera is with pan 360degree rotation, tilt 180 degree rotation, 120 times zoom, auto focus, embedded LED light, pressure sensor and laser scale for crack width measurement.

The large crawler is with 150W DC motor, the mini crawler is with 50W DC motor, the speed is adjustable, the large crawler can climb about 50 degree according to different pipe status. The crawler also with the inclination that can measure scope ±45 degree, pressure indication for pressure prompt and rear camera inspecting crawler backwards.

The controller is with 8inch color LCD screen and Win7 system, the screen can see the defects inside the pipes clearly under sunlight. It is built-in 128G SSD hard disk and record image in JPG, video in AVI format. The controller controls the crawlers speed, direction, light intensity, camera focus, rotation, camera movement, clutch control, auxiliary light controls. The controller is with keyboard for text writing.

The pipe video software inside the system can help you review the info you want, such as data, video, inclination, pressure and camera status.

The automatic cable drum is with 200m standard cable, and 300m optional. Manual cable drum optional.

PTZ camera 	This camera is equipped with a lamp ring which is powered independently of the camera. Light intensity control: from 0-max. High resolution CCD camera, light sensitivity 0.01LUX(star), 0LUX (sensed infrared) Zooming: 10:1 optical zoom, 12:1 digital zoom Focus: auto/manual Resolution: NTSC: 700 (TV Lines) Pan Range: 360 degree, one key center function. Tilting range: 180 degree Pan & tilt speed: variable speed(controllable) Front/rear camera shift Waterproof: IP68

Product parameters

Large Crawler	Waterproof to IP68 Working temperature: -10ºC~50ºC The four wheels of the crawler are driven by two motors (power 150W）; The crawler is designed for larger nominal pipe diameters (from 380mm up to approx. 2000mm) and is equipped

	with auxiliary lights, 2000lm. Min. illumination: 0.001lux Power：12V±10%DC， 100mA Pressurized, with sensor Material: brass, nickel plated, stainless steel, aluminum. Elevator: electric elevator Inclination: measurement scope ±45 degree, precision 0.1 degree Speed: adjustable speed, max. 32m/min Direction: forward, backward, left, right Climbing: max. climb degree about 50° according to different pipe status Rear view camera: 1/3" Sony Ex-View B/W CCD, integrate camera and light, inspect crawler backwards and retrieve the cable Weight: 25kg.
Mini Crawler 	Powered by 2*50W DC brushless motor and driven by 4 wheels, for pipe diameter 150-600mm Pressurized, with sensor. Material: brass, nickel plated, stainless steel, aluminum. Inclination: ±45 degree, precision: 0.1 degree Adjustable lights and with rear view camera. Variable speed control Manual elevator for lifting the cameras(optional) Weight approx. 8kg. Water proof: to IP68
Controller 	Portable type control unit, controls the crawlers speed, direction, light intensity, camera focus, rotation, camera movement, clutch control, auxiliary light controls. Displays: Date, time, pressure, distance, speed, inclination, with text editing facility, text size font setting. Create inclination and slope curve report automatically Screen display size: 8” LCD, readable under sunshine, 1024*768 resolution Win 7/win 10 system, 128GB hard disk, with video out interface, HDMI or VGA interface AC 110V, 60Hz, or 230V/50Hz, NTSC/PAL modes Including PipeVideo software Weight: 8kg, Dimension: 510mm*485mm*295mm

Auto cable reel 	Automatic cable drum, three modes to allow for the drum to wind up when the crawler is not moving and vice versa, mode 3: cable retrieving only Cable length: 200m 7mm, multi-core cable, with Polyurethane sleeve and Kevlar reinforced. Cable payout display: on the control unit Cable payout accuracy: ±0.1m Adjustable handle for ease of transportation Emergency stop Weight: Approx. 50kg Size: 600*500*390mm
3” rubber wheels（4pcs） 	OD：86mm For 150mm pipe, not necessary for wheel extender, used on mini crawler
4” rubber wheels（4pcs） 	OD：100mm For 200mm pipe, including 25mm wheel extender, used on mini crawler
6” rubber wheels（4pcs） 	OD：155mm For 375-600mm pipe, including 25mm wheel extender, used on mini and large crawler
8” pneumatic wheels（4pcs） 	OD: 200mm For 500-1800mm diameter pipes, including 50mm wheel extender, used on large crawler
Pipevideo Software 	Crawler status , camera status, inclination and curve, pressure indication, video recording etc.
Tools and Accessories(set)	Including wheels, manhole hook, special rope, guide pulley, etc.



Large Crawler



Mini Crawler

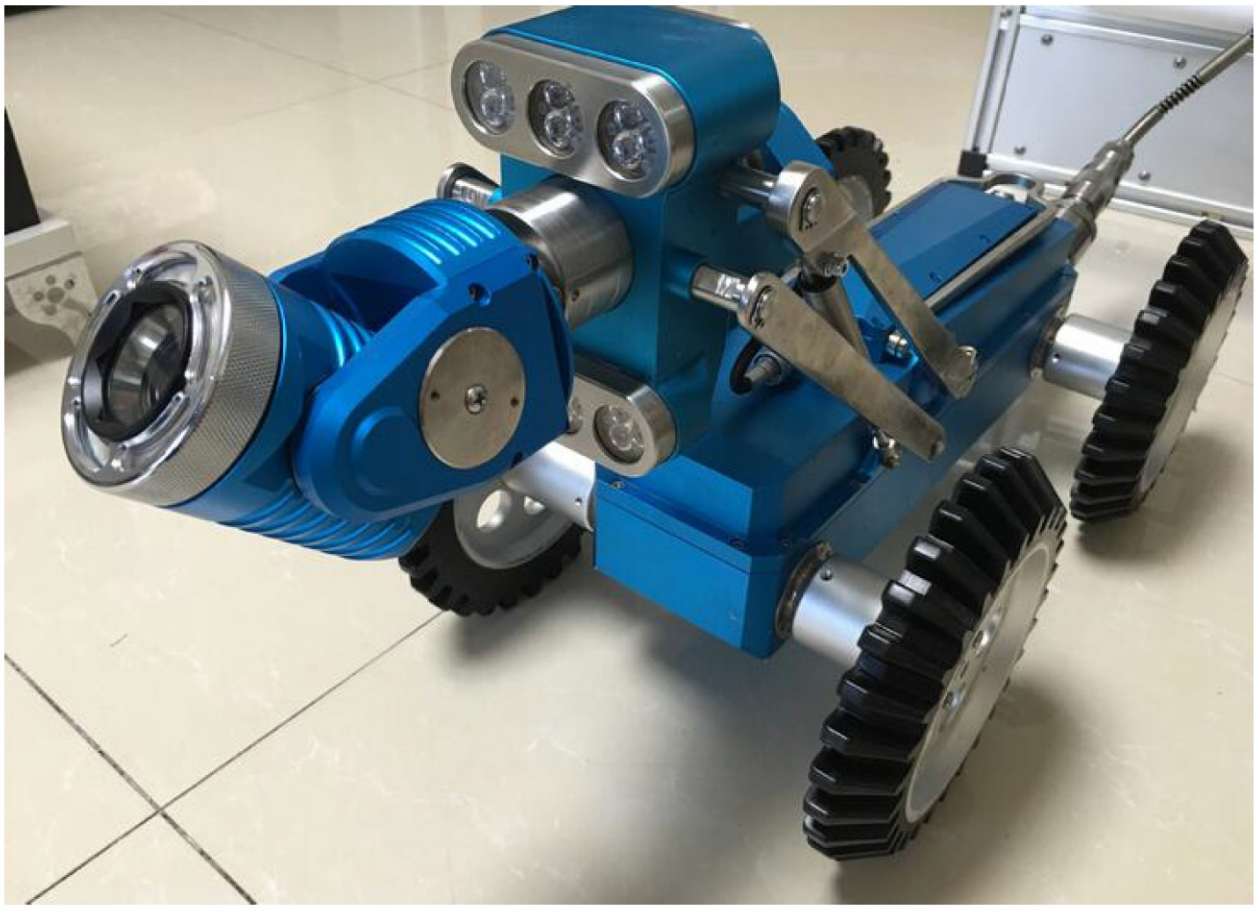
Product parameters

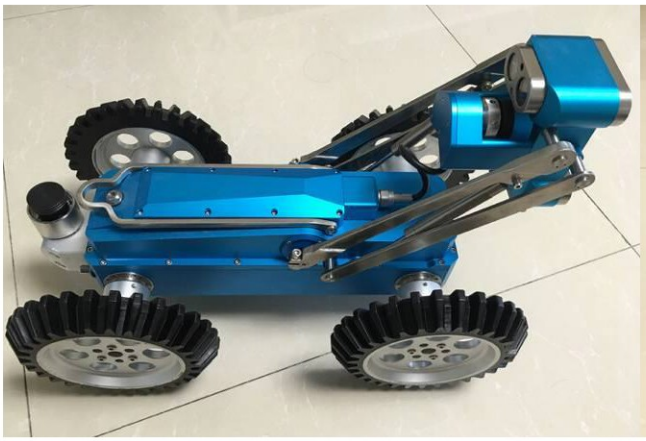


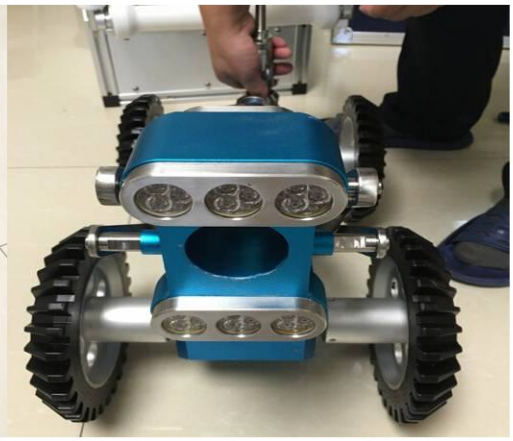



DLPA300
POWER
MODE
EMERGENCY

Product parameters



















The Delivery Term:

1) The product can be sent within 45 days according to the quantity after the payment receipt.
2) The express: DHL, FedEx, TNT, EMS, The products can be received about 4-10 days after send and the tracking number will be provide;
3) Other shipping ways: air transport, ocean shipping for big quantity, the airport and the seaport will be required; The products can arrive at the airport about 1 week, and arrive the seaport about 12 - 30days;
4) The customer can also choose his own shipping agent;

Our Factory:







