Cable Reel

Length	1050m
Cable Specs	<10mm diameter
Durability	500kg Kevlar, PUR sheath, anti-corrosion
Winding Speed	Max Speed 30m/min
Winding	Auto winding w/ electromagnetic clutch
Counter Precision	1mm accuracy
IP Rating	IP65
Dimension(L×W×H)	1095×830×890mm
Weight	200kg (w/ 1050m cable)

Panoramic Lens(Optional)

Imaging System	1/2.8" CMOS, 2.0 Megapixels
Field of view	180°180°
Lighting	2× Strip LEDs; 8W
Protection Rating	IP68
Working Temp	-10°C ~ 50°C
Dimensions	Φ80x96.5mm.
Weight	310g

Pipe Profiler (Optional)

Scanning Frequency	8Hz
Measurement Error	±2cm
Protection Rating	IP68
Working Temp	-5°C ~ 45°C
Dimensions	201x80x132mm
Weight	1.25kg

Main Control

Standard Device	Windows system laptop
Compatibility	Customer laptop supported (no specific reqs)
Connection	WiFi or Internet cable
Software Control	Movement, speed, PTZ, focus/zoom, lighting, lift
Status Display	Time, distance, project info, diameter, pressure, speed
Text Input	Multi-language support (EN, CN, FR, IT, RU, TH, etc.)
Defect Location	Clock positioning display
Warnings	Roll angle overrun, abnormal air pressure

Silver PTZ Camera

Zoom	10× optical
Imaging System	1/2.8" CMOS,1920×1080 (2.0 MegaPixels)
Lighting	12× LEDs; 12W
Optics	FOV 7°-81°, 0.05Lux sensitivity
Rotation	360° endless rotation, ±90° tilt, 1-click reset
Focus	Auto/manual focus
IP Rating	IP68
Working Temp	-10°C ~ 50°C
Dimension(LxWxH)	171×105×76mm
Weight	1.9kg

Joystick

Connection	Wired connection with Windows System
Control	Movement, speed, focus/zoom

FOR MORE INFO

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EASY-SIGHT

X5-HW1000

Pipeline CCTV Inspection Robot (DN500-1500mm)

Product Overview

The X5-HW1000 pipeline CCTV inspection robot is designed for large-diameter, long-distance drainage pipelines, with an applicable pipe diameter range of 500mm-3000mm and an inspection distance of up to 1050m.

Its most notable feature is its long single-inspection distance, solving the problem of traditional pipeline inspection robots being unable to inspect long-distance pipelines.

Key Features

Light

Front:28x LEDs
Rear:6x LEDs
Auxiliary:4x LEDs

Pan-Tilt-Zoom Camera

2MP high-definition camera with one-button defogging

Protection Bar

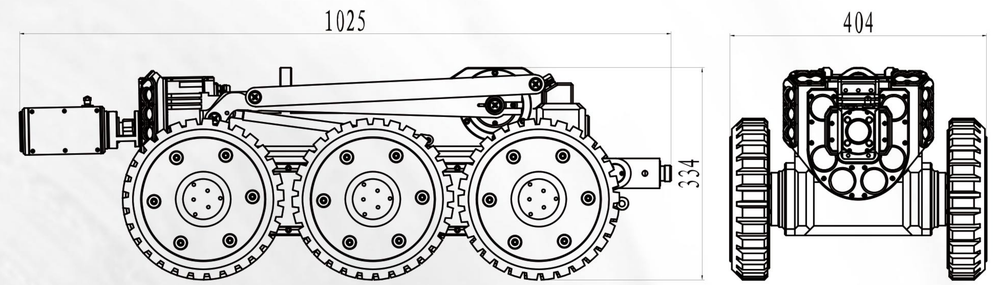
Impact-resistant bumper with protective padding for lens

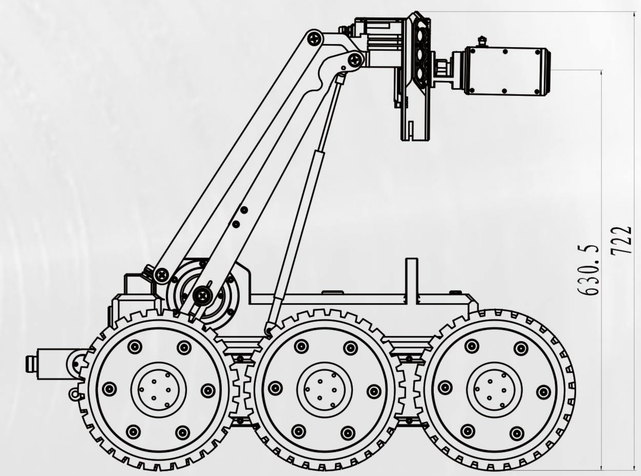
Wheels

6-wheel drive|Max speed 10m/min

Dimensions

wheel sets: 4/6/8/10-inch





Specifications

Crawler

Pipe Range	DN 500-1500mm
Drive System	Double DC motor, 6-wheel drive
Max Speed	10m/min
Gradeability	Max 30°
Obstacle Height	Max 100mm
Camera Lift	Fixed
Front Lighting	28× LEDs
Rear Lighting	6× LEDs
Auxiliary Lighting	4× LEDs
Rear Camera	1920×1080 (2.0 MegaPixels)
Wheel Sets	10" rubber wheels
IP Rating	IP68 (10m water depth)
Working Temp	−10°C ~ 55°C
Dimension(LxWxH)	870×370×358mm (lowest lift) 870×530×685mm (highest lift)
Weight	100kg