Panoramic Laser & Fisheye Camera(Optional)

Imaging System	1/2.8" CMOS, 1920×1080 (2.0 MegaPixels)
Optics	FOV 180°×180°
Lighting	8W
Scan Speed	1-5 r/s
Accuracy	±1mm
IP Rating	IP67
Working Temp	-10°C ~ 50°C
Weight	2kg

Cable Reel

Length	120m (300m/500m optional)
Cable Specs	4-core (1.2mm²), 9mm diameter
Durability	500kg anti-kevlar, PUR sheath, anti-corrosion
Winding	Auto winding w/ electromagnetic clutch
Counter Precision	1mm
IP Rating	IP65
Dimension(LxWxH)	540×390×535mm
Weight	54kg (w/ 120m cable)

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

Joystick

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

FOR MORE INFO

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EASY-SIGHT

X5-HT5

CCTV Inspection Robot Data Sheet (DN200-1200mm)

Product Overview

The X5-HT5 pipeline CCTV inspection robot is a high-definition pipeline inspection system that utilizes a tablet as the primary control interface.
The main control unit connects wirelessly to other system components to display and store high-definition inspection video in real time.
The X5-HT5 pipeline CCTV inspection robot consists of four main parts: the crawler, the camera, the cable reel, and the main control unit.

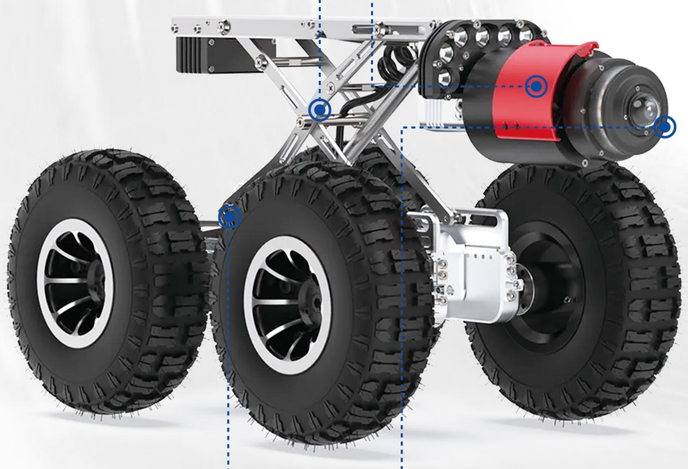
Key Features

Lifting

Retractable X-shaped electric lift (190mm drop clearance)

Panoramic Laser

Laser scanner(±1mm precision)



Drive

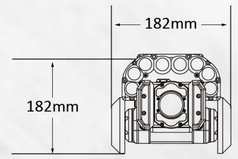
Extended detectionrange up to 500m

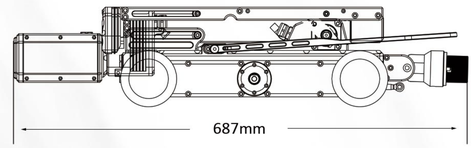
Pan-Tilt-Zoom (PTZ) Lens

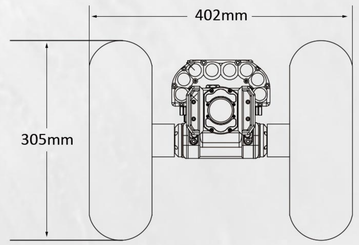
2MP high-definition imaging

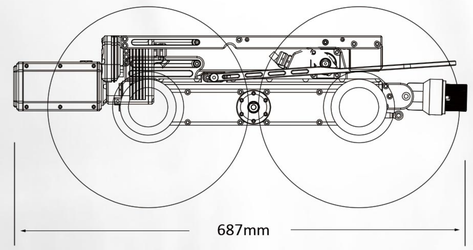
Dimensions

wheel sets: 3/4/6/8/10/12-inch









Specifications

Crawler

Pipe Diameter	DN 200-1200mm
Drive System	Double 90W DC motor, 6-wheel drive
Max Speed	41m/min
Gradeability	Max 45°
Obstacle Height	Max 160mm
Camera Lift	Fixed
Front Lighting	8x LEDs (32W total)
Rear Lighting	2x LEDs (8W total)
Rear Camera	1920×1080 (2.0 MegaPixels)
Wheel Sets	3", 4", 6", 8", 10", 12" rubber wheels
IP Rating	IP68 (10m water depth)
Working Temp	-10°C ~ 55°C
Dimension(LxWxH)	520x173x183mm(3" wheels, lowest lift) 685x340x463mm(10" pneumatic wheels, highest lift)
Weight	20kg (3" wheels)

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 ~ 55°C
Dimension(LxWxH)t	171×105×76mm
Weight	1.9kg