**Cable Reel**

| | |
|---|---|
| Length | 120m (150m/300m optional) |
| Cable Specs | 4-core (1.2mm$^2$), 8mm diameter |
| Durability | 300kg anti-kevlar, PUR sheath, anti-corrosion |
| Winding | Auto winding w/ electromagnetic clutch |
| Counter Precision | 1mm |
| IP Rating | IP63 |
| Dimension(LxWxH) | 570x395x475mm |
| Total Weight | 47.5kg (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 |


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EASY-SIGHT

# X5-HT4

## CCTV Inspection Robot Data Sheet (DN300-1000mm)

## Product Overview

The X5-HT4 pipeline CCTV inspection robot is a high-definition inspection system that uses a tablet as the primary control unit.
The main controller connects wirelessly to other system components to display and store high-definition inspection video in real time.
The X5-HT4 pipeline CCTV inspection robot comprises four main parts: the crawler, the camera, the cable reel, and the main control unit.

## Key Features

**Light**

Frontal 8× LEDs(26W)with continuously adjustable brightness

**Pan-Tilt-Zoom Camera**

2MP high-definition camera with one-button defogging

**Protection Bar**

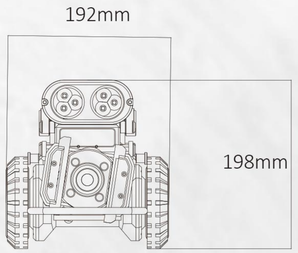
Impact-resistant bumper with protective padding for lens

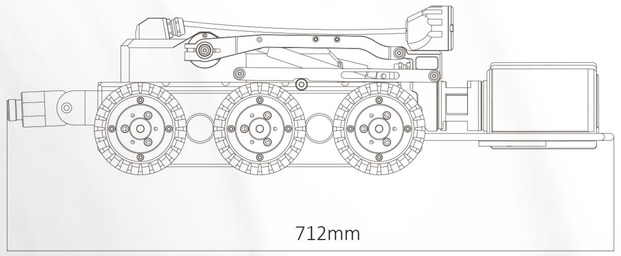
**Wheels**

6-wheel drive|Max speed 32m/min

## Dimensions

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




## Specifications

**Crawler**

| | |
|---|---|
| Pipe Diameter | DN 300~1000mm |
| Drive System | Dual 90W DC motors, 6-wheel drive |
| Max Speed | 32m/min |
| Climbing Ability | Max 45° |
| Camera Lift | Fixed |
| Front Lighting | 8× LEDs; 26W |
| Rear Lighting | 2× LEDs; 6W |
| Rear Camera | 1920×1080 (2.0 MegaPixels) |
| Wheels Provided | 4", 6", 8", 10" rubber wheels |
| IP Rating | IP68 (10m water depth) |
| Working Temp | −10°C ~ 50°C |
| Dimension(LxWxH) | 480×199×205mm (4" wheels, lowest lift) |
| Weight | 16.5kg |

**Red PTZ Camera**

| | |
|---|---|
| Zoom | 10x optical |
| Imaging System | 1/2.8" CMOS, 1920×1080 (2.0 MegaPixels) |
| Lighting | 4× LEDs; 6W |
| 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) | 170×105×90mm |
| Weight | 1.9kg |