SROD
ROBOTICS

E30CHDW

Manhole Camera

- 2.1million digital high definition
- 30x optical zoom
- Electric up 45° and down -45° rotating
- DN150~2000



Product Introduction

The E30CHDW pipe periscope is a rapid video inspection device used in limited spaces such as municipal drainage pipes. By operating the pan-tilt to control the pitch of the machine head, it can obtain clear image information of the defect locations in the pipes.This device is easy to operate and has complete functions. It features high-definition imaging, long-distance observation, laser ranging and other functions, and can issue professional inspection reports.



Key Specs

Camera	Applicable diameter range	DN150/6" - DN2000/39"
	Operating temperature	-10°C/14°F - 60°C/140°F
	Protection rating	IP68
	Composite light source	Main light: 2×3W/15° lamp cup Auxiliary light: 2×3W/3° lamp cup
	Zoom	Optical 30x , Digital 12x
	Resolution	1920×1080, 2.1MP
	Pan-tilt control	Up: 45°, Down: 45°, One-touch reset
	Body size	671×167.5×161.5mm
	Body weight	3kg
	Electric anti-fogging	Yes
	laser ranging	Yes

Tablet	Operating memory	6GB
	Storage capacity	128GB
	Storage expansion	Supports Micro SD (TF) card, up to 512GB
	Control software	Built-in inspection control software
	Communication	Wireless Communications
Accessories	Carbon fiber pole	Optional 7m, 9m and 12m
	U-type probe	Adjustable range 120 - 520mm
	Battery capacity	Single 3500mAh
	Battery life	Standard with 3 batteries, continuous operation for 6 hours
	Charger input	AC100-240V~50/60Hz
	Charger output	DC16.8V 1A x3

Key Features

High-definition imaging

Equipped with a 2.1-megapixel PTZ camera to ensure clear and detailed images

High-precision laser ranging

With a large measurement range and an error level of millimeters, it can quickly determine the distance between the defect location and the wellhead

Wireless communication and HD monitoring

Equipped with WIFI HD wireless transmission technology and tablet control, making it easy and convenient to operate

Electric tilt

Electric tilt adjustment of +45° upwards and -45° downwards, with one-click reset,easily adapting to detection needs at different angles

Ultra-long-distance observation

360x zoom(Optical 30x × Digital 12x), uniform image, and long observation distance

IP68

High protection level and long-lasting battery

With an IP68 protection rating, the device ensures stable operation in various harsh environments and equipped with one-click defogging function

Application Scenarios



Municipal Drainage Pipes



Box Culvert Inspection



Tank Inspection