SROD
ROBOTICS

E30D

Manhole Camera

- 4 million digital high definition
- 30x optical zoom
- Electric up/down/left/right rotating
- DN150~2000



Product Introduction

The E30D pipe periscope is a rapid video inspection device used for limited Spaces such as municipal drainage pipelines, community pipelines, and various types of industrial pipelines.This device is equipped with a 400W HD camera, 30x large zoom, 6 LED lights, providing clearer picture quality and a longer detection distance.By operating the pan-tilt to control the pitch of the machine head, clear image information of the pipeline defect location can be obtained, and professional inspection reports can be issued.



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	The far, medium and near lights All are 2×3W
	Zoom	Optical 30x , Digital 12x
	Resolution	2560×1440, 4MP
	Pan-tilt control	Up: 45°, Down: 90°, left: 30°,right: 30°
	Body size	658×230×160mm
	Body weight	4.13kg （Excluding the battery）
	Electric anti-fogging	Yes
	laser ranging	Yes

Tablet	Operating memory	8GB
	Storage capacity	256G
	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 150 - 570mm
	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

4-megapixel ultra-high-definition camera

Equipped with a 4-megapixel PTZ camera to ensure clear and detailed images

Ultra-long-distance observation

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

Wireless communication and HD monitoring

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

Electric up/down/left/right rotating

Electric tilt adjustment of +45° upwards and -90° downwards,left 30° and right 30°, with one-click reset,easily adapting to detection needs at different angles

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

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