PTZ41
Pipe Inspection Camera

✓ Good portability

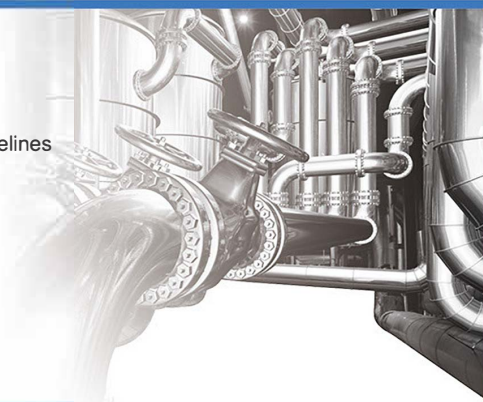✓ Wide application

✓ Long detection distance

HD · Intelligence

Long length pipe inspection camera

- Dual lens quick replacement
- Hard long distance push rod cable
- Outstanding pipeline detection capabilities
- Suitable for visual inspection of various industrial pipelines with a diameter range of 26m-300m
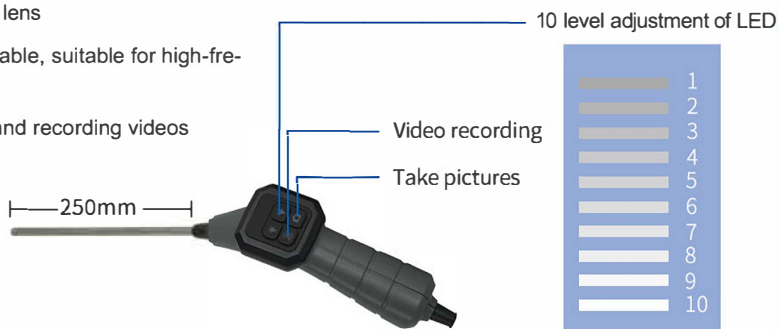- 30m long detection distance, and 60m customized

Joystick videoscope

- 8mm million HD lens
- The joystick controls the 4-way 360 °rotation of the articulation, each way bending no less than 120 °
- One click operation for taking photos and recording videos
- Button control LED adjustment
- 3m wear-resistant tungsten braided insertion cable

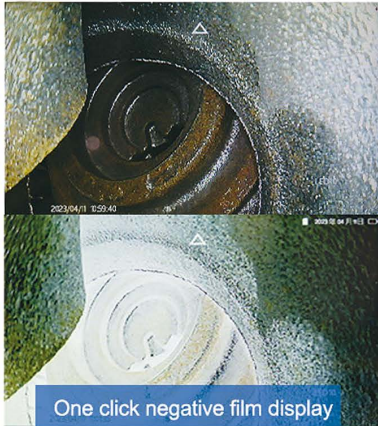120°

Stainless steel rigid borescope

- 6mm million HD front + side view dual lens
- 250mm rigid stainless steel insertion cable, suitable for high-frequency direct hole detection
- One click operation for taking photos and recording videos
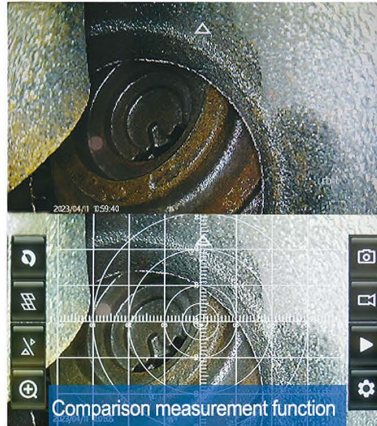- Button control LED adjustment

10 level adjustment of LED

Video recording

Take pictures

250mm

1
2
3
4
5
6
7
8
9
10

Focus on the new non-destructive technology of visual acoustics,

build the world's first-class brand of non-destructive testing.

Powerful operating system

One click negative film display

Comparison measurement function

Front + side view split screen display

- When it is front+side view lens images can be displayed in real-time on the one same screen
- Switch between front/side view single lens images at any time

Portable controller

- New 7-inch HD display with touch screen, resolution 1280*720
- One-button design for taking photos and videos
- Compatible with pipe inspection camera, scope unit and rigid borescope
- 64GB SD memory card, which can record inspection images

Scope unit

- One-button operation for taking pictures and videos
- 8mm scope unit is controlled by joystick, each way bending not less than 180°, 3m insertion cable, suitable for complex space Inspection

Rigid borescope

- One-button operation for taking photos and videos on the rigid borescope probe, led light is adjustable
- 6mm diameter by 25cm length rigid borescope, suitable for high frequency straight hole inspection

24mm wide-angle front view camera

Greater than 100°

- Megapixel Wide Angle Front View
- Greater than 100 ° field of view angle
- IP67 waterproof standard, all alloy material, robust and durable

40mm diameter pan and tilt camera

Lens dome replaceable

180 ° flip

360 ° rotation

Package

4-in-1 Transportation Case

(optional)

Applications

| Industrial pipelines | Offshore Oil Platform | Pipeline installation |

Technical parameters

Parameter	Value
Probe diameter	41mm
Probe length	60mm
Pixel	1,000,000
Lighting	12 high brightness LED lights
Housing material	Stainless steel
Radial flip	180°
Axial rotation	360°
Image sensor	CMOS 1/4
IP rate	IP67
Waterproof depth	1M
Hard rod diameter	6.4mm
Hard rod length	25cm
Hard rod material	304 stainless steel
Lighting	High brightness LED
Image sensor	CMOS 1/9
Pixel	1,000,000
DOF	8-80mm
DOV	0°
FOV	>90°

Parameter	Value
Probe diameter	24mm
Probe length	42mm
Pixel	1,000,000
Lighting	12 high brightness LED lights
Housing material	304 stainless steel
FOV	>120°
Image sensor	CMOS 1/4
DOF	25mm - infinity
IP rate	IP67
Waterproof depth	1M
Hard rod diameter	8.4mm
Hard rod length	25cm
Hard rod material	304 stainless steel
Lighting	High brightness LED
Image sensor	CMOS 1/4
Pixel	1,000,000
DOF	Front view 15mm - infinity Side view 5mm-25mm
DOV	0°/90°dual camera
FOV	>90°

Indicator	7-inch LCD display screen
Resolution ratio	1280*720
Display frame rate	30 frames/second
Screen brightness	400cd/m²
Screen contrast	800
Touch screen	Multi-touch
Video output	HDMI HD
USB interface	Data transmission
SD card	64G

Parameter	Value
Probe diameter	8.4mm
Image sensor	CMOS 1/4
Pixel	720p
FOV	>120°
DOF	25mm - infinity
Housing material	Titanium alloy
IP rate	IP64, IP67*
Insertion cable	8mm by 3m tungsten braided insertion cable
Insertion IP rate	IP64, IP67*(Articulation>90°)
Bending	4-way>120°
Characteristic function	Split screen display (electronic mirror dual lens)
Lithium electronic batteries	11.1V 7000MAH
Battery	Charging 8 hours, usage time > 4 hours
Operating temperature	-10°C~50°C
Storage temperature	-10°C~50°C
Insertion cable	30M high-strength fiberglass cable
Cable diameter	5.5mm
IP rate	IP67
Meter counter accuracy	3%