

Dellon PTZ41 Multi-functional Pipe Inspection Camera

Brief Introduction

Dellon multi-functional pipe inspection camera PTZ41 is the latest and cost-effective product. Using advanced technology, one device is compatible with pipe inspection camera, articulated videoscope and rigid borescope. Equipped with high-definition detection cameras, it suitable for 10mm to 300mm diameter pipes, moreover, the detection distance up to 30meters, It is easy and flexible to use, and can meet various detection; it has a wide range of applications and is suitable for users in different industries.

Product Feature

- Innovative design concept, the main unit is compatible with Pipe inspection camera, articulated videoscope and rigid borescope.
- The main unit adopts high-precision capacitance touch screen, simple and friendly human-computer interaction interface
- Integrated high-definition recording system, control camera rotation, focus, storage, playback, etc.
- All cameras with 1000,000 pixels
- Supports split-screen simultaneous display of dual-channel high-definition signals. Corresponding to articulated videoscope and rigid borescope, it can display both front view and side view images at the same time
- Support software functions such as negative display, / virtual logo, etc.
- Independent portable cable reel, humanized reel structure design, easy to carry and place, the main unit can be hung if necessary
- High flexibility detection line has both rigidity and flexibility, suitable for large space and long distance detection
- Equipped with detachable lithium ion battery, which can be charged separately, the power is displayed in real time, and the working time is more than 4 hours
- HDMI high-definition video output interface, can perform external display of high-definition video



Portable Controller

- New 7-inch display with touch screen, resolution 1280*720
- One-button design for taking photos and videos, and light-touch buttons to control the dimming, focus, rotation and flip of the camera
- Compatible with pipe inspection camera, articulated videoscope and rigid borescope, can be fixed and placed, can be hand-held, and easy to operate
- Comes with high-performance lithium ion battery, which can work continuously for more than 4 hours under full power, and the battery pack can be replaced in time
- Built-in 32GB SD memory card, which can record inspection images



Videoscope probe

- One-button operation of the articulated videoscope probe for taking pictures and videos, and controlling the brightness of led and articulation of the probe
- 8mm videoscope probe is controlled by joystick, each way bending not less than 180°, 3m cable, suitable for complex space inspection



Good portability



Wide application



waterproof IP67



Long

Detection distance



Excellent

detection effect



one machine

for multiple purposes



Rigid borescope probe

- One-button operation for taking photos and videos on the rigid borescope probe, led light is adjustable,
- 6mm x25cm rigid borescope, suitable for high frequency straight hole inspection



Pan and tilt Camera

- 40mm diameter camera high resolution, 1000,000 pixels
- Illumination: 12 high power LED
- camera can rotate 360° and and flip 180°
- Motorized HD focusing, IP67 waterproof, interchangeable lens hood



Wide angle camera

- Probe diameter: 24mm, resolution: 1000,000 pixels
- Field of view: more than 100°, IP67 waterproof, lighting: 12 high-power LEDs



Mini Retractable Pushing Rod Device

- 30m cable with diameter 5.5mm
- Portable and stable use, convenient for on-site detection
- Electronic meter accuracy 3%

Controller section

Model	Controller	Picture resolution	1280*720
LCD monitor	7 inch	WIFI	Optional
Resolution	1280*720	Software	Negative, grid
Fps	30 fps	Language	Multiple language
Screen brightness	400cd/m ²	Li-ion	11.1V 7000MAH
Screen contrast	800	Charger	12V 1A
Touch screen	Capacitive touch screens	Charging time	8 hours
Video output	HDMI high resolution	Battery working hour	>5 hours
USB interface	Data transfer	Operation temperature	-10°C~50°C
Memory card	32G SD	Storage temperature	-10°C~50°C
Video resolution	1280*720		

Pushrod cable section

24mm wide angle camera	Camera dia	24mm	40mm color rotation camera	Camera dia.	41mm
	Camera length	42mm		Camera length	60mm
	Pixel	720P		Pixel	720P
	Light source	12 LEDs		Light source	12 LEDs
	Camera housing material	304 Stainless steel		Camera housing material	Stainless steel
	Field of view	>100°		Tilt	180°
	Image sensor	CMOS 1/4		Pan	360°
	Depth of focus	25mm~∞		Manual focus	YES
	Ingress protection	IP67		Image sensor	CMOS 1/4
	Waterproof depth	1m		Ingress protection	IP67
	Insertion cable length	30M		Waterproof depth	1m
Cable dia.	5.5mm				
30m Fiber glass cable with reel	Cable material	Fibreglass	Ingress protection	IP67	
	Meter counter	Available	Metre counting accuracy	3%	

Rigid borescope section(optional)

8.4mm flexible scope		6mm rigid borescope	
Dia.	8.4mm	Dia.	6.2 mm
Length	3M	Length	25cm
Image sensor	CMOS 1/4	Material	304 stainless steel
Pixel	720P	Light resource	LED
Field of view	>90°	Image sensor	CMOS 1/12
Outer layer	Tungsten braided	Pixel	720P
Bending angle	>120°	Depth of focus	8mm to 80mm
Depth of focus	25mm-infinity	Direction of view	0°
Outer material	Tungsten braided	Field of view	>90°
Ingress protection	IP64		

Note: The above parameters are subject to change without notice.

Applications



Electricity



Petrifaction



Aerospace



Special inspection



Municipal



Heavy industry



Large pipes



Machining



Shipbuilding

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