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Manual

Industrial Borescope

PCE-VE 180



Technical Characteristics

Model	Wireless Inspection Camera
Image Sensor	CMOS Sensor
Effective Pixel	320(H)x240(V)(NTSC) ; 720(H)x625(V)(P) / 720(H)x525(V)(N); 720(H)x576(V)(P)/712(H)x480(V)(N)
Focus distance	30mm-80mm
View angle	60 degree Fov(D)
Probe diameter	Φ3.9/ Φ5.5/ Φ9.0/ Φ10 / Φ17mm;
Probe tube length	1m standard length(up to 20m)
LED illumination	2/4/6 lamps, illumination can be adjustable in 7 levels
Host	
Screen	3.5" TFT LCD QVGA 320 x 240 16.7M color
Signal Transmission	2.4G Wireless Video Transmission,Wired Video Transmission
Record and Photograph	Photo format:JPG \BMP
	Video Format:AVI
	Memory card:capacity of 32G mini SD/TF card
Input Voltage	110-220V
Output Voltage	5V-2A
Screen Battery	Built-in Li-battery 1200MAH 3.7V
Working Voltage	5V
Working Current	600MA/H
Handle Battery	Li-ion Battery 18500 1600mAh 3.7V

Safety Instructions

- Read this manual carefully before use
- **May not be used by children under 12 years of age**
- **Do not use the endoscope with highly flammable products or in explosive spaces such as with flammable gas or dust.** Use of the endoscope can cause explosion.
- **Do not use the endoscope near corrosive chemical substances.** These can damage the endoscope's protective coating and affect working life and quality.
- When using the endoscope in dangerous conditions, always wear protective clothing such as goggles and a helmet.
- Do not pour any liquid in the appliance.
- Do not use the appliance for medical purposes.
- Do not use the appliance as a hammer or drop it.
- Clean the appliance with a dry cloth
- Clean the lens with a slightly moist cloth Do not use corrosive substances
- Always remove the batteries when cleaning
- When replacing the batteries always use the same batteries and replace both batteries.
- Save the appliance in a dry and ventilated space.
- Do not use the appliance in temperatures above 60 °C
- Do not bend the probe more than 150 °

Instructions

1.Installation Steps



2.Method of Use

	<p>Power on the borescope, press Menu/OK Button to enter the menu setting,</p> <p>press Button <u>Two Seconds</u> to next menu page,press UP/DOWN Button select the menu items and then press Menu/OK to Set & confirm the settings,then press Menu/OK Button <u>Two Seconds</u> to <u>QUIT</u> the menu setting,come back to operating mode.</p>
	<p>Press Magnification Button to enlarge the image(8 times) on screen.</p>
	<p>Press Photo/Video Button <u>Two Seconds</u> to convert Snapshot or Video Recording Mode.then press Button to start/stop recording video or capture picture.</p>
	<p>Press Playback Button <u>Two Seconds</u> to enter Play Mode,Press UP/DOWN Button select photos or videos,then press Button to browse photos or play videos.Press to edit or delete present photo/video.</p>
<p>Other</p>	<p>Press trigger button in the handle to adjust the LED Lamps brightness (7 levels),press it <u>Two Seconds</u> to turn off LED Lamps.</p>
<p>For more information,please contact with our local agent.</p>	

FAQ

Q1: What's length of the snake tube?Is the snake tube detachable?

A1: The snake tube is detachable, Max Length can be extended 20mtr.

Q2: How long can the borescope work?

A2: It depends on the battery situation, a full power lithium battery can work for 1-3 hours, Handle battery works 4-6 hour.

Q3:How much space does it support?

A3: The borescope support 32GB (Max).

Q4:Can I use it in dark place?Is it waterproof?

A4:Yes,it has 4 LEDs,7 levels brightness adjustable; IP67 waterproof

Q5:How long of warranty?

A5: The warranty period is 12 months (since the date of purchase).

Warranty

The whole machine one year free warranty from the date of purchase. After the warranty period, According to the paid service fee standards provide paid services. The warranty terms will take effect since the date of purchase

The warranty is only for products from our company.

The following situations are not included

1. The main engine or parts of the product beyond the warranty period;
- 2.The failure or damage caused by failure to specification requirements,operator errors and improper storage and maintenance of unexpected factors or human factors.
- 3.The failure or damage are caused by the installation, repair, change, addition or dismantlement by the institutions and staff who are not authorized by the Company.
- 4.The failure or damage caused by a natural disaster.
- 5.Normal and reasonable consumption or damage as well as the resulting damages.
6. The failure or damage are caused by other problems instead of the quality problem of the Company's machines (including parts).

When a machine breaks down, please send both faulty machine and the warranty card directly to the company, while the round-trip post fee shall be borne by users themselves.

The Company will maintain or replace the parts as per the fault condition, while the replaced parts shall be owned by the Company.

Please note that the warranty period of the original product shall not be extended due to maintenance or replacement, while the warranty period for such breakdown maintenance shall be 2 months.

If any other service needs beyond the standard range of this warranty services, please choose the company's other paid services.

In addition, the Company does not assume to take delivery costs and risks of products. Please contact local shops, dealers or visit our website if you have any question.

The company reserves the Right Of Final Interpretation of above Warranty Clauses.

Use



Clearer Image(640x480)

Particle-free for Mirror

Anti-reflection

Brighter Image

Rotatable Image

