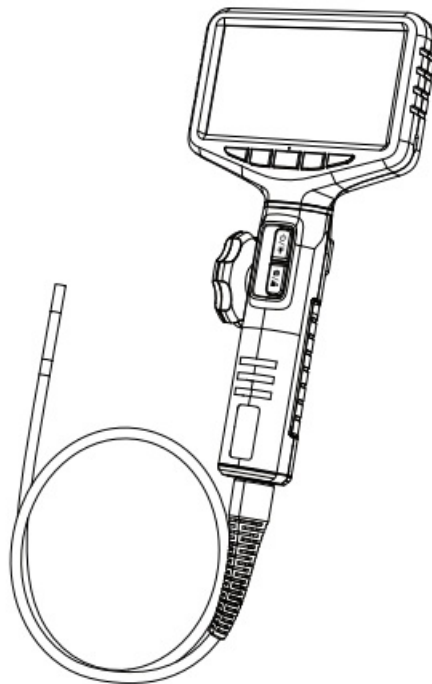


CMTOOL Articulating Borescope Inspection Camera User Manual

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CMTOOL Articulating Borescope Inspection Camera



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WARNING

Before using the articulating borescope, please pay attention to the following operations:

- Please do not use this camera to connect to other manufacturers' hosts without authorization, even if their interfaces are the same;
- Do not use this product in some areas where live cables or charged objects may be contacted. Exposed metal parts can conduct electricity, which may cause danger;
- Do not let children operate the product;
- This product is prohibited from being used for medical treatment or human body testing;
- Please keep the product clean, avoid exposure to the sun, or direct contact with water, oil and corrosive liquids;
- The product is not waterproof;
- It is forbidden to twist or pull the bending body at the front end of the hose;
- Please handle with care. Do not bend the hose excessively. The bending limit of the hose is one circle.

PRODUCT INTRODUCTION

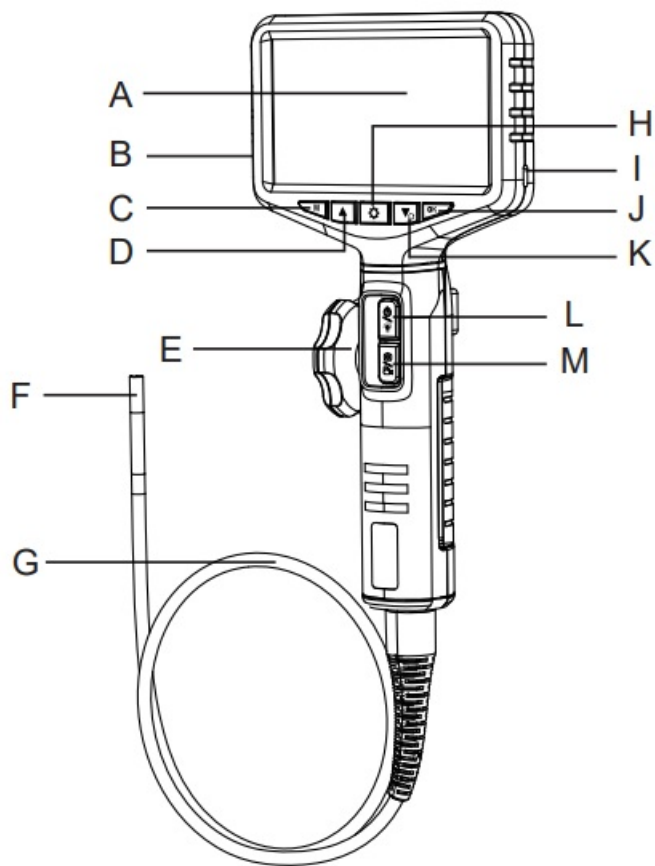
Articulating Borescope is specially used to detect narrow and bending spaces that are difficult to enter, such as auto evaporator, combustion chamber, three-way catalytic, etc.

The product has a steering detection function, and has a unique high-temperature alarm function, which makes it convenient for users to penetrate the small probe into the narrow space, and then transfer the vivid, clear and omnidirectional video and pictures to the 5 inch display to meet your various detection needs.

OPERATING ENVIRONMENT & TECHNICAL INDICATORS

Camera Diameter	6.35mm
Pixel	200W
Depth of Field	20-100mm
Viewing Angle	70°
Manual Dimming	Three-level dimming
Input Power	DC 5V
Service time	3hr
Battery Capacity	3000mAh
Camera Light Source	6 kinds of LED lights
Waterproof Level	IP67
Hose Material	Flexible metal hose
Hose Length	1m
High Temperature Protection	Intelligent protection
Steering Direction	Two-way
Steering Angle	Max.210°
Bending Radius	35mm
Operating Environment	-10~80°C
Humidity	15-90%

PRODUCT STRUCTURE



A	Display	B	SD Interface
C	M	D	Up
E	Steering Wheel	F	Megapixel HD Camera
G	Flexible Hose	H	Settings
I	Charging Port	J	OK
K	Down / Toggle	L	Power On / Light Control
M	Photo / Video		

OPERATION GUIDE

Power on / off:

- Long press the power key (H) for two seconds, and the blue indicator light on the display indicates that the power on is successful. Long press the power key (H) again for two seconds to power off.

Light Control:

- After powering on, press the light control key (H) to adjust the light, and the brightness is adjusted to 3 levels. The machine defaults to the brightest light when it is powered on.

Photo / Video:

- After powering on, press the photo/video key (I) to take pictures, and long press for 2 seconds to record. Image playback: After powering on, press the M key to start the image playback function, use the up and down keys to find the desired picture or video, and short press the OK key to playback the video.

Time / Date:

- After powering on, press the setting key twice to switch to the setting interface, scroll down to select the date/time, and adjust to the required time with the up and down keys (confirm the required time with the OK key).

Date tag:

- The date tag is turned on by default. After turning it on, the date and time will be automatically displayed in the lower right corner of the photos and videos you take.

Recording and sound:

- Product has a built-in sound recorder and speaker, which will automatically record the sound when you record video, and will have audio when you play back the recorded video.

Charging:

- Please use 5V adapter or mobile power to connect Type-C/USB cable for charging. The charging voltage and current are 5V/1A. If the voltage is too high, the product may be burnt out. Please note that this product does not support fast charging.

FAULT REPORT

Fault Phenomenon	Cause Analysis	Troubleshooting
Power fail	Battery Loss	Charge the borescope
Automatic shut-down	Low battery or automatic shutdown is set	Charge the borescope and turn off the automatic shutdown setting
SD Error	SD is not installed well	Reinstall the SD
Charge fail	The charging port is dirty or the charging cable is damaged	Replace the charging cable
Image Blur	The lens is dirty	Wipe the lens clean with a cleaning cloth
SD Recording Fail	Insufficient SD capacity	Replace SD or clean-up files

WARRANTY


- Thank you for choosing our products, we will provide you with the following services and promises.
- The warranty period of this product is 1 year.
- After the warranty period expires, repairs will be charged for replacement parts.
- After the failure, please contact the manufacturer, we will give you the most complete service in the shortest time.

The following items are not covered by the warranty:

- Man-made faults are not covered by the warranty

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Documents / Resources

	<p>CMTOOL Articulating Borescope Inspection Camera [pdf] User Manual Articulating Borescope Inspection Camera, Borescope Inspection Camera, Inspection Camera, Camera</p>
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References

- [User Manual](#)