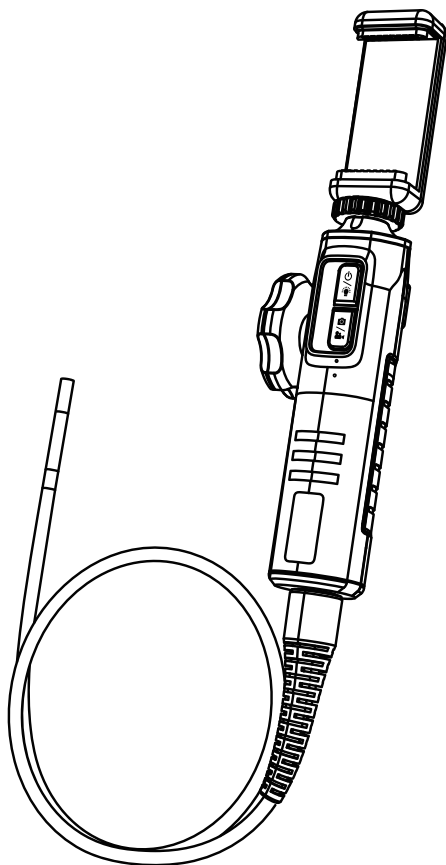


ARTICULATING VIDEO BORESCOPE

User Manual



CMTTOOL

CMTOOL

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.

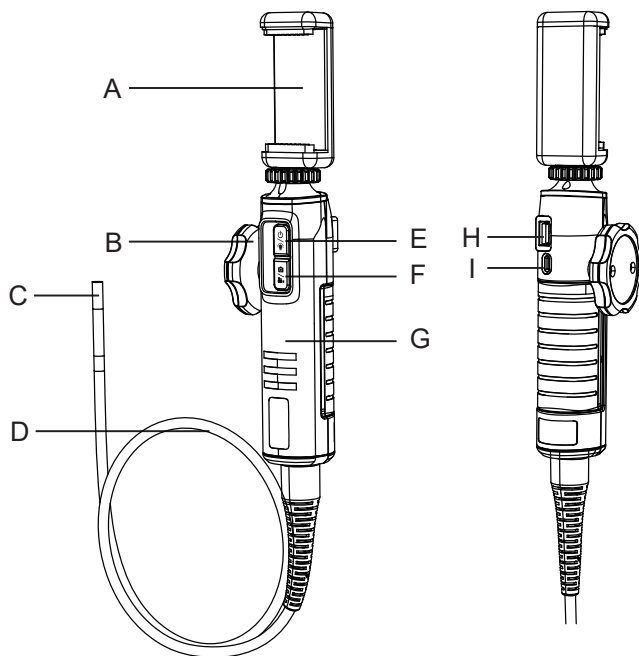
The product has the detection function with 180° rotation in two directions, and has a unique high-temperature alarm function, which makes it convenient for users to penetrate the small probe into the narrow space, and then transfer the vivid, clear and omnidirectional video and pictures to the mobile phone screen through the data line to meet your various detection needs.

OPERATING ENVIRONMENT & TECHNICAL INDICATORS

Camera Diameter	6.0mm(±0.35)
Resolution	1920*1080
Depth of Field	20-100mm
Viewing Angle	70°
Manual Dimming	Three-level dimming
USB Interface	USB 2.0
Camera Light Source	Highlight LED

Waterproof Level	IP67
Hose Material	Flexible metal hose
Hose Length	1m
High Temperature Protection	Intelligent protection, automatic shutdown.
Steering Direction	Two-way
Steering Angle	Max.210°
Bending Radius	35mm
Input Power	DC 5V
Operating Environment	-10~80°C
Humidity	15-90%

PRODUCT STRUCTURE



A	Phone Holder	B	Steering Wheel
C	Megapixel HD Camera	D	Flexible Hose
E	Power on / Light-control	F	Photo / Video
G	Handle Body	H	USB Interface
I	Type-C Charging Port		

APP DOWNLOAD

- For Android mobile devices, please scan the QR code below to download and install the APP.

- For Apple mobile devices, please search "JCAM" in the Appstore, then download and install the APP; or scan the QR code below to download and install the APP.



OPERATION GUIDE

Phone installation:

- Adjust the rotary knob of the phone holder, install the phone on the phone holder (supports 3.5~6.3 inch screen), and connect the phone and the borescope with a data line;

Power on / off:

- Long press the power on key (E) for 2 seconds to power on, and the working indicator light will be green. Open the APP with the phone, the hose LED lights up, and the phone displays the image. If the power on key (E) is pressed for 2 seconds, the machine will shut down;

LED Light-control:

- After starting up, the LED light is the brightest by default, press the light-control key (E) to adjust the brightness, the brightness is divided into 3 levels, and the 4th level is to turn off the LED light;

Photo / Video:

- Press the photo / video key (F) to take pictures in jpg format; While long press to record video in MP4 format, PDF Generation: Log in the APP, select Settings>>PDF generation, set footer, header, LOGO>>PDF production, and enter information to generate an image detection sheet;

Charging:

- Please use a 5V adapter or mobile power supply to connect Type-C / USB cable for charging. The charging voltage and current are 5V / 1A, and excessive voltage may burn out the product. Please note that this product does not support fast charging.

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.