

Vividia® ME-610i USB Joystick Videoscope User Manual



Vividia ME-610i USB Joystick Videoscope is a type of mobile phone borescope for iOS and Android devices. ME-610i has 360° articulation with joystick control, and the maximum bending angle is 210°, which allows users to inspect narrow space and pipelines. With 1280x720 HD probe and one button to take photos and video design, it can transmit vivid, clear, and all-around video and images to the mobile phone (iPhone and Android) through the data cable and shown on the screen. Furthermore, it has high-temperature alarm function to protect the probe.

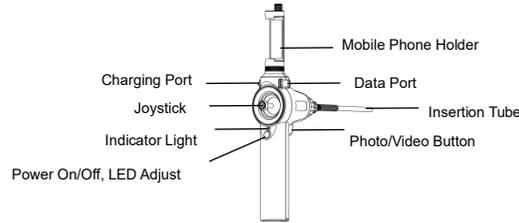
This product is widely used in the auto aftermarket to inspect car evaporator boxes, combustion chambers, engines, three-way catalysis, etc., as well as narrow pipelines, which are hard to access and difficult to be inspected visually.



Warning:

Please read this manual carefully before using this product and follow the instructions to avoid the damage caused by improper use. Please do not use the product above 70°C. There will be high-temperature alarm when the environment temperature is over 70°C.

Appearance and Main Parts



App Download & installation

a. Android mobile device, please search and install "USee" in the Google Play Store, or scan the QR code below to download and install the APP.

b. For iPhone and iPad, please search and install "USee-Camera" in the App Store, or scan the QR code below to download and install the APP.



Operation instructions

a. Phone Installation: Adjust the rotated knob of the mobile phone holder, insert the mobile phone into the clamp (Support 3.5-inch - 6.3-inch screen mobile phone), Connect the phone and the borescope with a USB data cable.

b. Power On/Off: Press on the handle about 3 seconds for power on. When working indicator lights blue, Android phone will open the APP automatically (while Apple phone users need to open the APP themselves). After the LED on the probe lights, the USee interface prompt will pop up, click OK to display the image. Press for 2 seconds to turn off the borescope.

c. Adjust LED: Power on and the LED is the brightest by default, press button to adjust the brightness from 0 to 3 levels.

d. Photo/video: Press the button at the back of the handle to take photo. Long press the same button to take video. Video is saved in the USee / Camera data directory in Mp4 format.

e. Charging: Please use the 5V adapter or mobile power to connect Type-c USB cable for charging . The charging is 5V/1A. High voltage may cause damage to the product. Note: Fast charging is not supported.

f. Floating window setting: In USee app, please click Setting and click open on "Floating window"(Android mobile phone only).

Specs Parameters

Diameter(mm)	6.0±0.2mm	DOF	20mm-∞
Tube Length	1.0m	FOV	100°
Image Resolution	960*720/1280*720	Light Source	LED
Illuminance	4 levels adjustment	Articulation	360°
Bending Angle	≤210°	Data Port	USB/Type-C
Storage Medium	phone memory	Compatibility	Android/ IOS
Battery Working Time	≈120 minutes	Tube Material	Wear resistant elastic & metal
High Temperature Protection	high temperature alarm , automatically power off		
Size	195*57*105mm (not include phone holder)		
Weight	0.3kg (not include phone holder)		
Battery Capacity	2600mAh (support reverse charging for mobile phone)		
Standard Package	borescope/ Type-C cable/ Android cable/ iPhone cable/ Charger/ Phone stand/Strap/Instrument case/manual		

Application Environment

For professional service personnel, ME-610i series videoscope can be used in inspecting inaccessible spaces and holes without disassembling or causing damage to the machine. Applications of ME-610i include the inspection of precision instruments, auto and aircraft repair and diagnostics, air conditioner maintenance, pipeline, or building maintenance, etc.

Working Temperature	Tube	-20°C~70°C
	Main Body	-20°C~70°C
Humidity	Main Body	15~90%
Protection Class	Main Body	Do not operate in the rain
		Do not operate in liquids

Warnings



- Warning:
1. Avoid joystick operation when the tube is bent, otherwise the articulation wires will be broken.
 2. Articulation is controlled by joystick. Do not bend the probe with your hands.
 3. Please do not keep the probe at the maximum bending angle 210° for long time (no more than 40 seconds), it can shorten the service life of the product.
 4. Do not use the product to inspect human body or animal's body.
 5. Do not use or store the product in explosive, strong electromagnetic field, flammable gas places. It may cause fire or explosion.
 6. Do not use the product to check objects with live electricity to avoid the occurrence of electric shock.
 7. Avoid burning your hands, please do not directly touch the end of the probe, especially the product is working in a high temperature.
 8. Do not look at the LED light source at the end of the lens directly, avoiding the effect of strong light on the eyesight visual acuity.
 9. After using, please clean the front probe of the product, keep the tube and probe straight. Do not directly pull the tube out from the inspected object to avoid the probe getting stuck in the object and protect the probe from damaging.

Warranty

1. Thank you for choosing this product. The warranty period is 12 months from the date of purchase.
2. During the warranty period, under normal use and maintenance conditions, if our professional maintenance personnel confirm that the product damage caused due to manufacturing process or material problem, we will provide free repairs and replacement of spare parts.
3. The insertion tube and probe are easy-to-wear parts, and the warranty is six months from the date of purchase. Wear and tear caused by normal use is not covered by the warranty.

The following situations are not covered by the warranty:

- ① Damage caused by improper storage.
- ② Damage caused by the customer's own disassembly.
- ③ Damage caused by the customer's own modification.
- ④ Damage caused by improper use.
- ⑤ Damage caused by other irresistible factors.

Warranty card

Customer Name:		Phone No.:	
Purchase Date:		Product Return Date:	
Fault Description:			
Maintenance Date:			
Repair Result:			
Repair Description:			
Customer Address			