

Vividia™ VA-800 USB Flexible Articulating Borescope Inspection Camera Videoscope

Model: VA-800



Dear Customer, thank you for your business. You can find related software, APP and user's guide on the CD. Also you can find the related information on our website, www.oasisscientific.com and our YouTube channel.

For Windows Users:

Visit our web page: www.oasisscientific.com to download below App and menu:

App software for PC: ehe1.exe

Menu: Quick use guide of App ehe1.exe

Menu: User Guide VA-800 Articulating Borescope

VA-800 is an UVC camera and can be opened by any other App of UVC camera

For Mac Users:

There is no a software on Mac right now from Oasis Scientific.

You can use **Photo Booth** or other Mac USB webcam software.

APP for Android devices connected with an OTG cable:

App for Android: **AbleScope.apk** from our website or **UsbWebCamera** from Play Store

Menu: Connecting to Android Devices

Vividia™ VA-800 USB Flexible Articulating Borescope Inspection Camera Videoscope are used for visual inspection work where the area to be inspected is inaccessible by other means. The borescope uses a miniature video camera at the end of the soft tube. The end of the insertion tube includes 6 high light white LED which makes it possible to get a very clear view and take photos or capture videos deep within equipment, engines and other dark spaces.

FEATURES

- 1, Articulation bendable angle: 0° to 180° adjustable continuously
- 2, Easy operation with one hand holding and pushing down the release button by bending the thumb to adjust the articulation angle
- 3, Articulation angle can be locked/unlocked at any degree by open/close the locker
- 4, Very small bending radius only 30mm
- 5, Supper bright LED illumination
- 6, Supper long depth of field from 40mm to 4000mm
- 7, Work with: Windows XP, 7, 8 and MAC, plug & play
- 8, Connect on Android devices without rooting with free APP.

SPECIFICATIONS

1. Sensor: high-quality CMOS sensor
2. Resolution: 640X480
3. Interface: USB2.0.
4. Frame rate: 30 frames/sec (CIF and VGA).
5. Focal distance: 40mm - 400mm
6. Optical lens view angle: 60°
7. Photo format : JPG
8. High light LED: 6 pcs, white color
9. Brightness at 200mm distance: 200 lumens
10. Diameter of insertion: 8.5mm
11. Length of insertion: 800mm
12. Articulation bendable angle: one way 0° to 180° adjustable
13. Angle locker: can be locked/unlocked at any angle
14. Articulation bendable radius: 30mm
15. Working temperature: 10° to 50°



16. Storage temperature: 0° to 70°
17. Works with: Windows XP, 7, 8 and MAC, plug & play
18. Connecting to Android devices
19. Package: carton box, 200 X 50 X 60 (mm³)

QUICK USE

For Windows users :

- 1, Plug in the borescope into the USB port
- 2, Download the software ehe1.exe from our web page: www.oasisscientific.com
- 3, Double click on the icon of ehe1.exe to open the image windows

If the image came from your built-in camera please click on the devices in the navigation bar and then click on the USB camera to change image to the borescope

- 4, Quick use of the function keys:

KEY	FUNCTION
SPACE BAR	IMAGE FREEZE
RETURN	SNAP
↑ & ↓	ZOOM IN / OUT
F5	DELAY 10 SECONDS SNAP

For Mac users:

There is no software running on Mac .

But user may use the Photo booth to observe image or use other USB webcam software.

If the image came from your built-in camera please click on the cameras in the navigation bar and then click on the USB camera to change image to the borescope



Connecting with Android devices (Android phones or tablets):

Please visit our web page to: www.osisscientific.com to download below items:

- 1, App: ablescope.apk



2, Menu: Connecting to Android devices
Using an OTG cable to connect on Android devices.



Or you can download a free APP, **UsbWebCamera**, from Google Play Store.

BENDABLE ARTICULATION OPERATIONS

1, How to bend the articulation see right photo:

The release button and the locker are worked together.

Just push down the release button by the thumb to bend the articulation to a proper angle from 0° to the 180° back and forth.

2, How to lock the articulation angle:

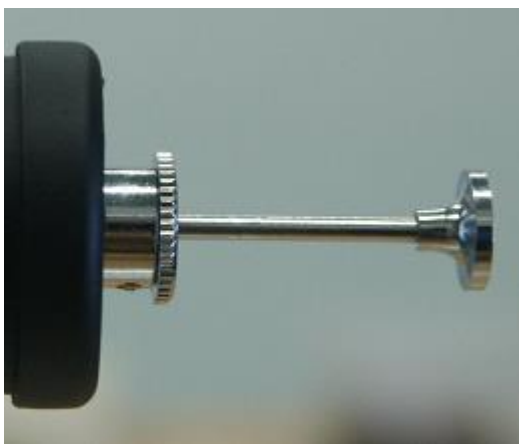
There is a locker at the down place of the release button you can see the knurling on the round edge.

Turn the locker anticlockwise to open the function.

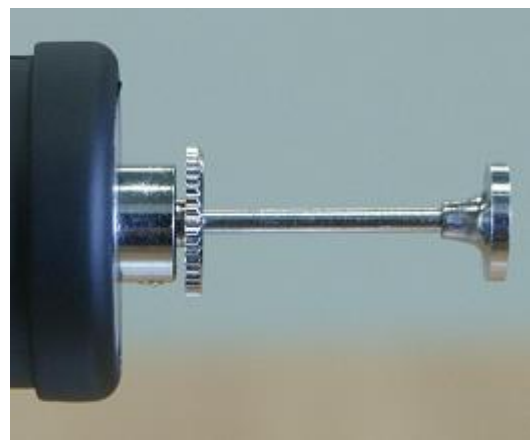
Push down the locker and turn the locker clockwise to close the function



Unlocked position



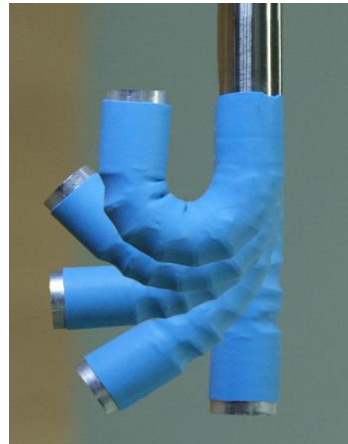
Locked position



3, Portrait of the image

The direction of the USB cable indicates the portrait position of the image

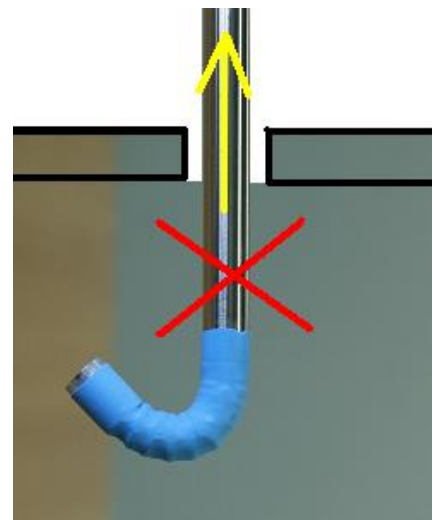
4, At the front of the probe camera of borescope there are 6 high light white LED around the lens to provide illumination. It will be turned on once you plug in the USB port. The LED will cause high temperature during the use. Please do not touch it with fingers.



VERY IMPORTANT NOTICE

Below damages are not covered by the warranty:

- 1, The borescope must be used under the common temperature from room temperature to 120° degree Fahrenheit. If the temperature was higher than 120° the noise would appear in the image or even damage the image sensor
- 2, Do not put the borescope into water or oil
- 3, Before an user finishes the inspection to take the bended borescope out from a small hole, the user must remember to unlock the articulation and let it go back to the straight position. Roughly take it out and forget to straight would damage the articulation camera probe.
- 4, Using a Q-tip to clean the lens surface by immersion a little bit alcohol, do not touch it by fingers



Please contact **Oasis Scientific Inc:**

info@oasisscientific.com

www.oasisscientific.com

Phone: 1-864-469-0919

3110 Wade Hampton Blvd.

Suite #18

Taylors. SC 29687

USA