



USB Camera System User Manual



Overview:

This portable, HD Video Camera is compatible with smart devices via USB and will enable the user to connect to any standard flexible or rigid scope. This works well with PC, iPad, and Android devices.

Setup:

The setup for this camera could not be any easier. Please see the setup instructions below depending on the device you wish to pair the camera to.

Connecting the camera with a PC device:

If you plan to connect the camera to a PC, simply plug the camera's USB cable into the PC's USB port.

After this, please open your computer's camera app. You should immediately be viewing an image from the connected camera. Troubleshooting tip: If you do not immediately see an image from the camera, try "flipping" your computer's camera viewing lens.

Connecting the camera with an iPad:

If you plan to connect the camera to an iPad, first, ensure that the iPad is up to date on the newest version of iOS software, found in the iPad's Settings. Once up to date, please download the free EndoStudio app from the App Store. Once downloaded, you will be able to use the app to take pictures and videos.

Connecting the camera with an Android device:

If you plan to connect the camera to an Android device, simply plug the camera into the device and download the USB Camera app from the Google Play Store. Once downloaded, you will be able to use the app to take pictures and videos.

After connecting the camera to your desired device, squeeze the black tabs on the camera coupler to remove the protective cover. If you do not remove this, you will not be able to connect a scope. Once the cover is removed, simply squeeze the coupler tabs again, and insert the scope's black eyepiece into the camera head coupler. After your scope is inserted into the camera head, point the end of your scope at something white such as a piece of paper or gauze. While pointing the scope at the white object, press the "AWB" button on the camera to white balance the scope. This will give you a true color image. You are now ready to start scoping!

Camera Controls:



1. Black collar can be rotated to focus your video/camera image
2. One-piece molded aluminum camera housing
3. White balance button (AWB)
4. Below the white balance (AWB) button, is a button used to temporarily freeze the live video feed. Press the button again to proceed with your video.

EndoStudio App Controls

In the EndoStudio App, select the button located at the bottom right of the screen – select “Look for another camera” option. This will bring up the image from your USB camera.

Once you have an image, point the scope at something white and click the AWB button on the camera. It will automatically white balance the image.

To take a video, press the red dot on the top right of the screen. Click the red dot again to end the video. To take a picture, click the camera icon at the top right of the screen.

To select where you want your media to be saved, click the 3 dots icon at the top right of the screen. Select “Save Location”. You can now select “Files” or “Camera Roll” as the save location for your images and videos.

Cleaning & Maintenance

This camera is not autoclavable and would become damaged in a standard steam autoclave. Please use an alcohol wipe to clean the camera and cable after each use. You can fully immerse the scope in saline if needed as it is waterproof, but not autoclavable. If the lens becomes smudged/dirty, use any lens cleaner and a microfiber towel to wipe away any dirt, smudges, or debris. Use your flexible cleaning brush to clear out any debris in the scope sheath working channel.



Have questions? Feel free to email us at Contact@Vetovation.com or give us a call at 919-247-0328.