

Part A: Initial Setup

You're NanoCam 4K/Go comes with the following: Footpedal, Footpedal USB Receiver, USB Cable, USB Extension Cable, Blue Cap Hex Driver

- The DBR software is loaded onto the Designs for Vision Chrome Cap USB Stick supplied with your camera.
- If you already have the DBR software, you must make sure you have version 1.1.3 loaded.
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Part B: Setting up the Footpedal

The footpedal is controlled using a wireless Bluetooth module. You must plug in the module to the nearest USB port.

To operate the foot pedal, insert Bluetooth Receiver into the USB port on your device, as shown below:



(Note, if your device has a USB C port you must use a USB C to USB A adapter, also you may require a USB hub if your device only has one USB port)

You can test to make sure the footpedal is working properly before use. The footpedal is pre-set to work with the DBR software. Plug in your camera to the USB port or adapter depending on your setup. ***The footpedal will not work without the camera plugged in.***

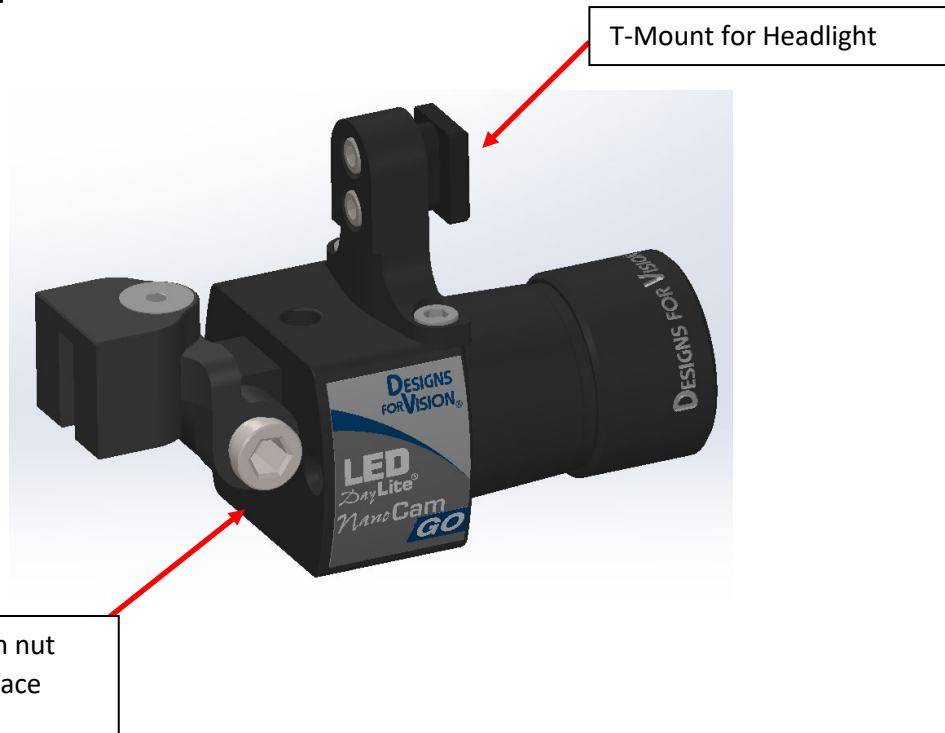
- Pressing the left side of the pedal will allow you to record video. Press once to start and then again to stop the video.
- Pressing the right side of the pedal will take still pictures. You can take pictures while recording as well.

Record/Stop



Take Picture

Part C: Setting up the Camera



Part D: Software Settings

Video resolution
Full-HD (1080p)

White balance
☐ Auto 3860

Brightness
0

Zoom
0

Advanced settings

Camera
microCam XS

Microphone
Line (Dell AC511 USB SoundBar)

Camera settings

Camera settings

- To adjust your camera's settings click on the camera settings button on the bottom right of your screen
- In the camera settings window, click on Advanced settings to open up all of the parameters for the camera
- In Advanced Settings you will see two tabs, Video Proc and Camera Control
- If an undesired change is made, the settings can be put back to Default by clicking the button

Properties

Video Proc Amp Camera Control

Brightness ☐

Contrast ☐

Hue ☐

Saturation ☐

Sharpness ☐

Gamma ☐

White Balance ☐

Backlight Comp ☐

Gain ☐

ColorEnable ☐ PowerLine Frequency (Anti Flicker)

Default

OK Cancel Apply

- When a change is made to any setting, you must click **Apply** to save the changes
- To adjust Exposure in the Camera Control Tab first
 1. Uncheck the Auto Box
 2. Adjust the exposure to the desired value
 3. Click the Auto Box again, there should be a check mark
 4. Click Apply

Suggested Blue Light Settings:

NanoCam 4K

- Exposure should be at -10
- Auto Exposure box checked

NanoCam Go:

- White Balance On Auto in the main camera settings window (value 4600)
- In the Camera Control Tab, exposure should be at -7
- Auto Exposure checked

Properties

Video Proc Amp Camera Control

Zoom ☐

Focus ☒

Exposure ☒

Aperture (Iris) ☐

Pan ☐

Tilt ☐

Roll ☐

Low Light Compensation ☒

Default

OK Cancel Apply