# QMotion Tutorial


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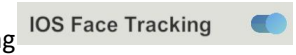
# 1. Control View

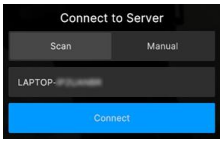
Using the mouse scroll wheel allows you to zoom in or out of the view. Pressing down the scroll wheel and dragging allows you to move the camera in the scene. Pressing the right mouse button and dragging allows you to rotate the camera. Clicking the lock button  in the lower-left corner can lock the current camera view, and clicking it again will unlock it.

# 2. Import vrm file

Click on the character icon , then click the import button . Select your VRM file in the file explorer, and it will appear in the character panel. Click on the imported character, and it will load in the scene.

# 3. Use face track

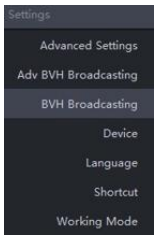
Click the face tracking button , enable the IOS Face Tracking . Then, download APP Unity Face Capture  on your iPhone (which should support Face ID), ensure that your iPhone and computer are on the same local network.

Open Unity Face Capture and click the Connect button  to establish a connection with QMotion. Your model will then mimic your facial expressions. You can also follow the calibration instructions in Face Capture if needed.

# 4. Use motion track

## 1) Noitom motion capture

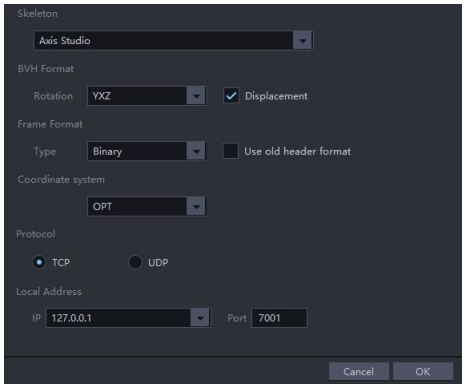
a. First, wear the Noitom motion capture device and perform connection and calibration operations in Axis Studio. In Axis Studio, open Settings - BVH Broadcasting - BVH Capture.



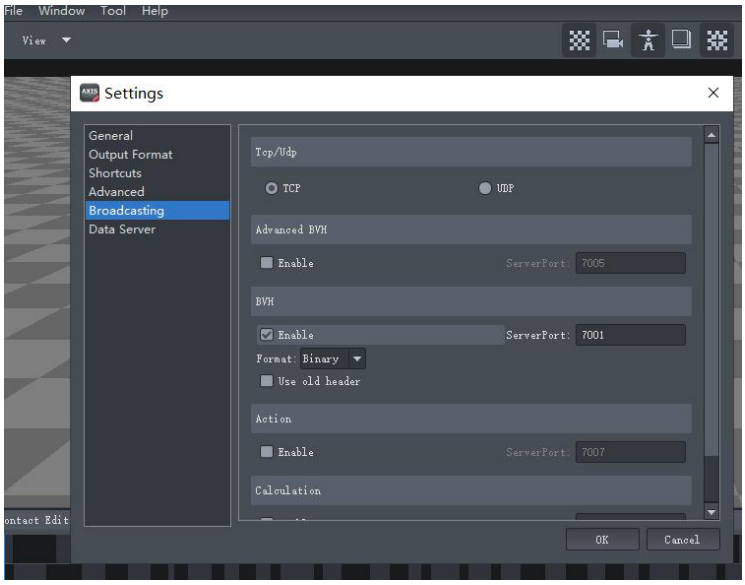




And refer to the settings in the provided image.
The port doesn't have to be 7001; you can modify it according to your needs. Don't forget to click "OK" to save your settings.




If you are using Axis Neuron software, click File - Settings - Broadcasting. Enable BVH (not Advanced BVH), set the Format to Binary, and set the Server Port to 7001 or another available port. Finally, click "OK" to save your settings.

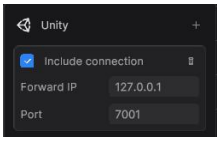



b. Open the QMotion, click the button  to access the motion capture menu. In the Noitom section, enter the IP address and data port of your Axis Studio (or Axis Neuron) server. Then, toggle Noitom on 

, and your model will start moving.

## 2) Rokoko motion capture

a. First, wear the Rokoko motion capture device and perform connection and calibration operations in Rokoko Studio. In the Livestreaming section of Rokoko Studio, locate the Unity icon 

and click on , set the IP and Port. 

After completing the settings, make sure to check Activate. Remember the name of your Actors, it's important. 


b. Open the QMotion, click the button  to access the motion capture menu. In the Rokoko section, enter the Actors name and Port from your Rokoko Studio. Then, toggle Noitom on, and your model will start moving.



# 5. Select background

Click the background icon  to open the background list. Three options are provided: default, green, and transparent background. Click on an image to switch the background.




# 6. Use VMC Procotol

QMotion supports VMC Protocol. Click the icon , and then you can choose to send or receive VMC data on a specified port.