

01

Installing MOXI VISTA Software

Scan the QR code to download the MOXI Vista software to your PC.



MOXI Vista software

To connect the MOXI S100 MoCap Suit to the Vista software, **the transponder must first be set up.** Please refer to the MOXI S100 MoCap Suit user manual for detailed instructions.



S100 MoCap suit User Manual

➔ **Note:** Always set **"Channel ID= 1"** during the TransEZ setup.

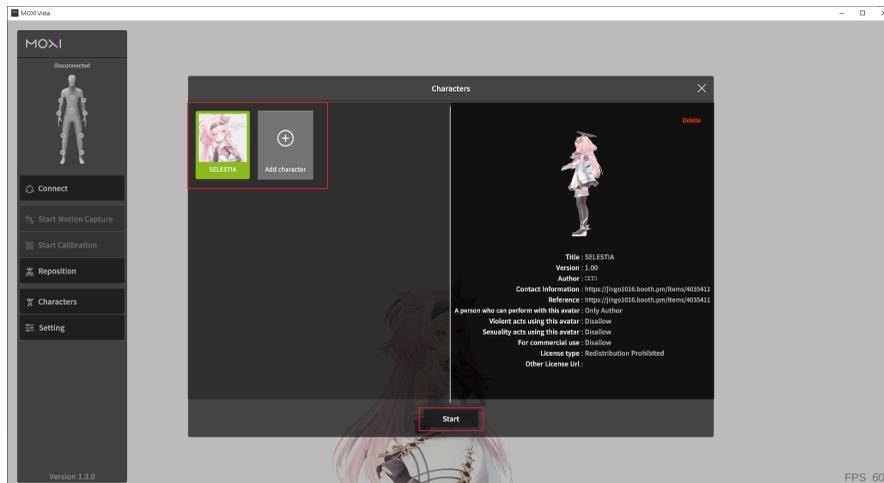
02

Connection Settings

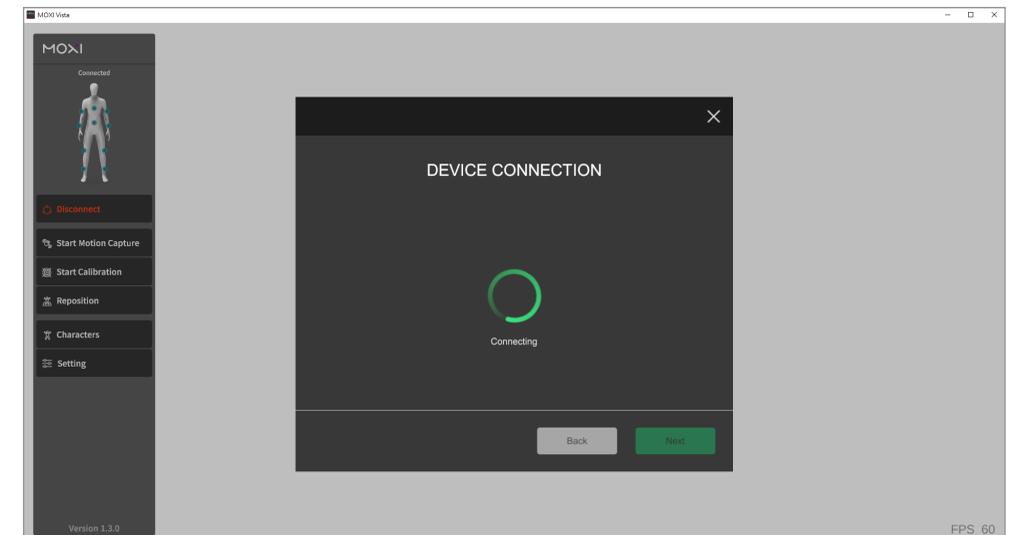
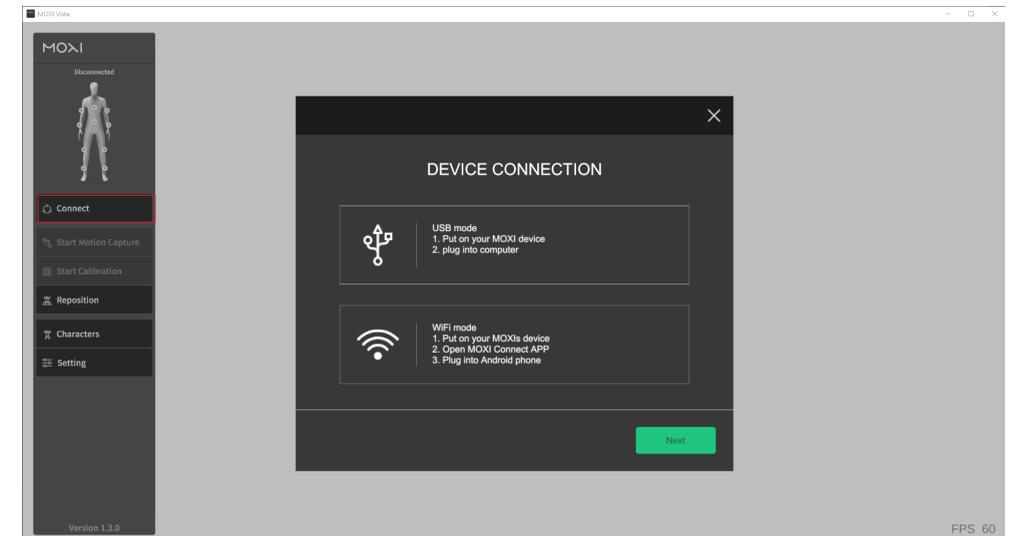
Before connecting with the motion capture suit, it is necessary **to load a virtual character in the MOXI VISTA program** to perform calibration and positioning with the real actor.

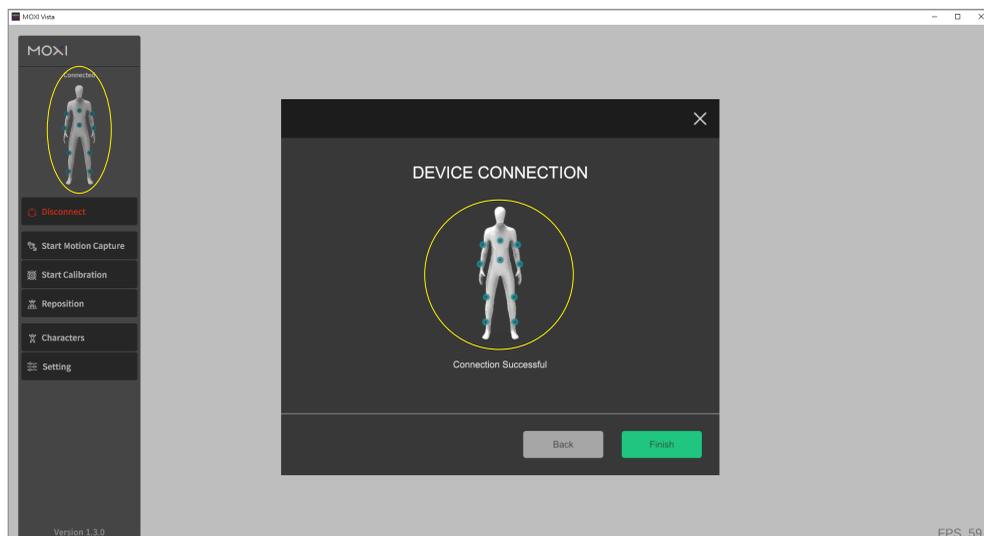
2-1 Adding Virtual Characters

First, prepare a 3D virtual character in VRM format. Click on "Characters" on the left toolbar, then select "Add Character" and choose the file. Currently, only VRM 0.x versions are supported. An "Connecting" indicator will appear during loading.



2-2 Start Connection





➔ Note: The yellow-circled dots on the avatar represent the sensors **currently connected to the software**.

- In this example, only the suit sensors are active.
- The wireless sensors (1 head, 2 palms, 2 feet) are not connected.

If you have already configured the wireless sensors in the TransEZ app but they do not appear, **please verify their battery status and reconfigure them in the TransEZ app**.

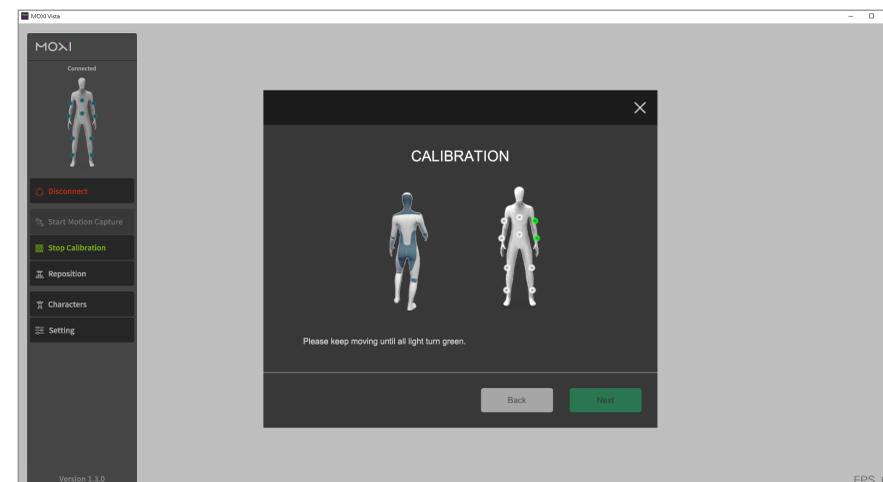
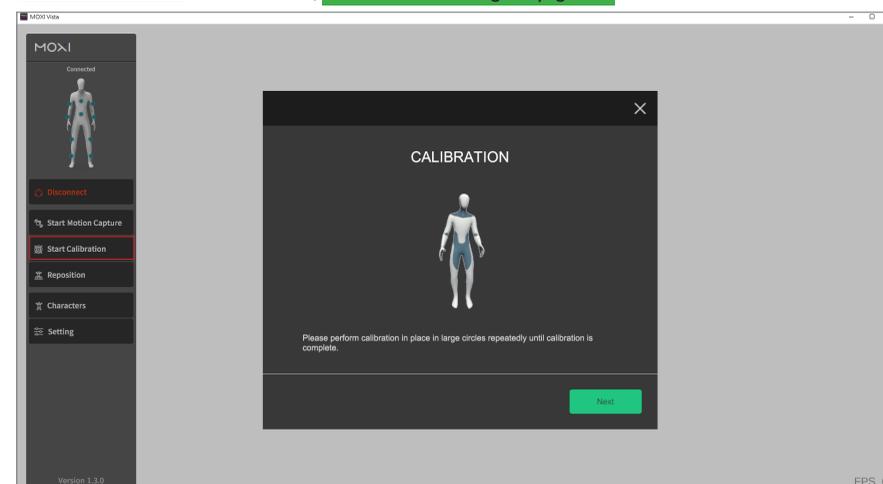
03

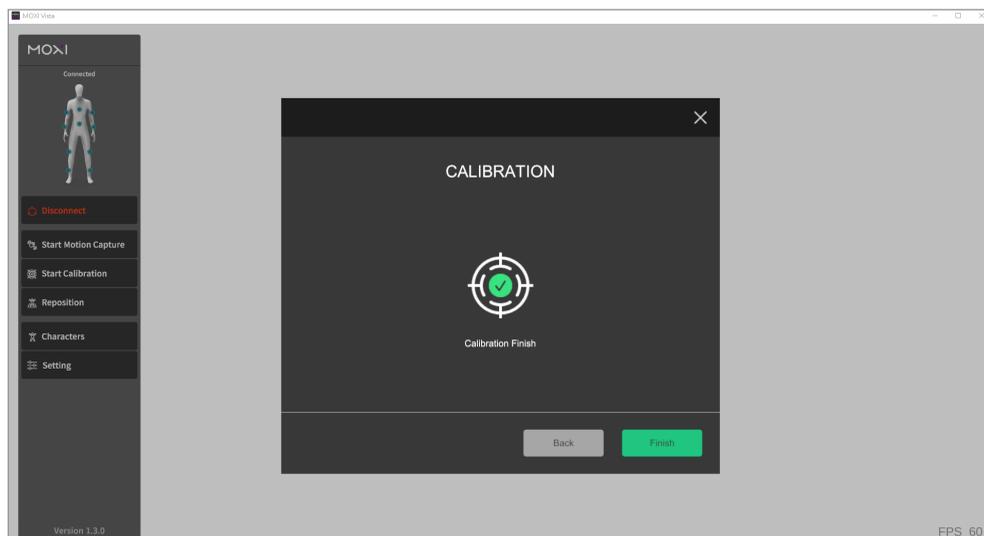
Motion Capture, Calibration and Reorientation

After the connection is established, proceed with calibration, and finally start motion capture.

3-1 Start Calibration

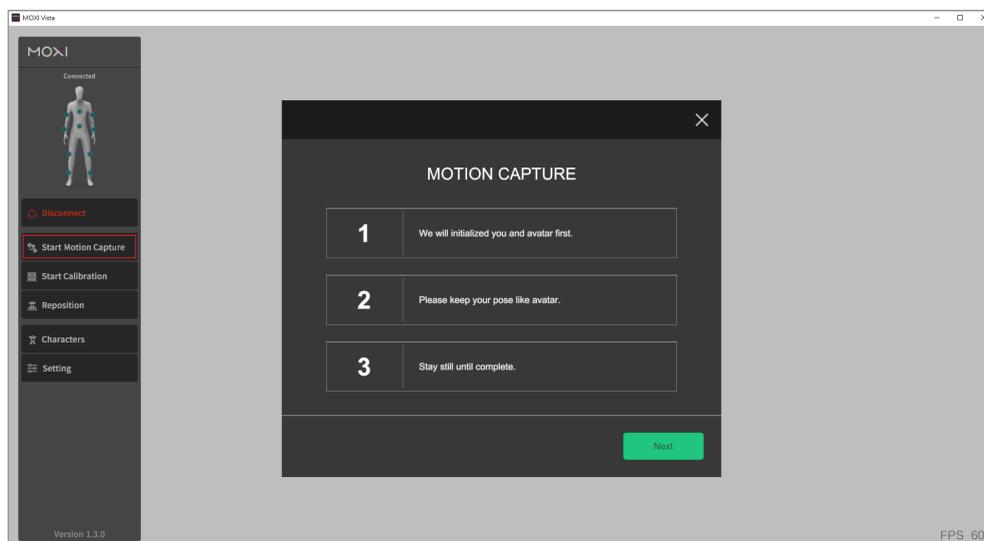
Press "Start Calibration" and follow the instructions. Make sure to complete all the steps, performing the **same movements** as the avatar, **until all the dots light up green**.





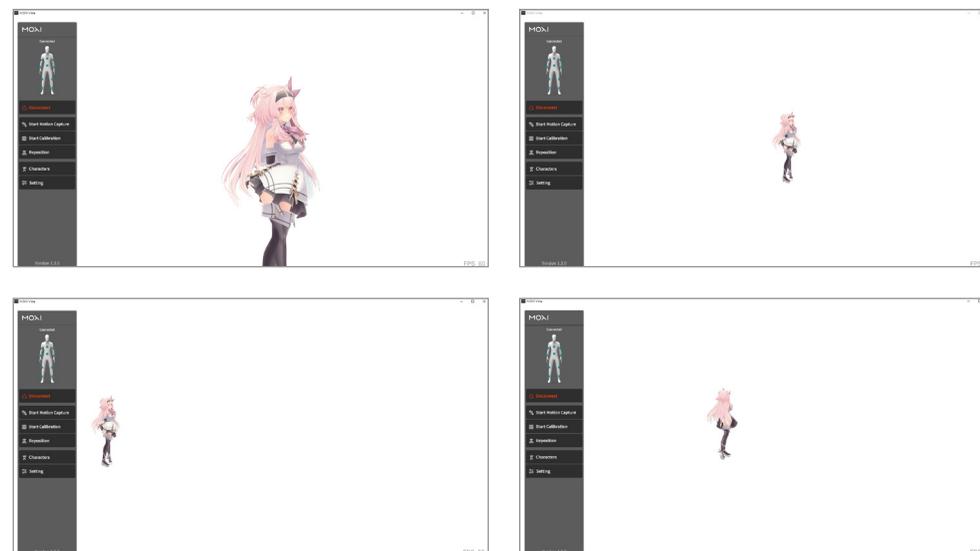
3-2 Start motion capture

Press "Start Calibration" and follow the instructions. Make sure to complete all the steps, performing the same movements as the avatar, until all the dots light up green.



04

Controlling the Avatar's movements



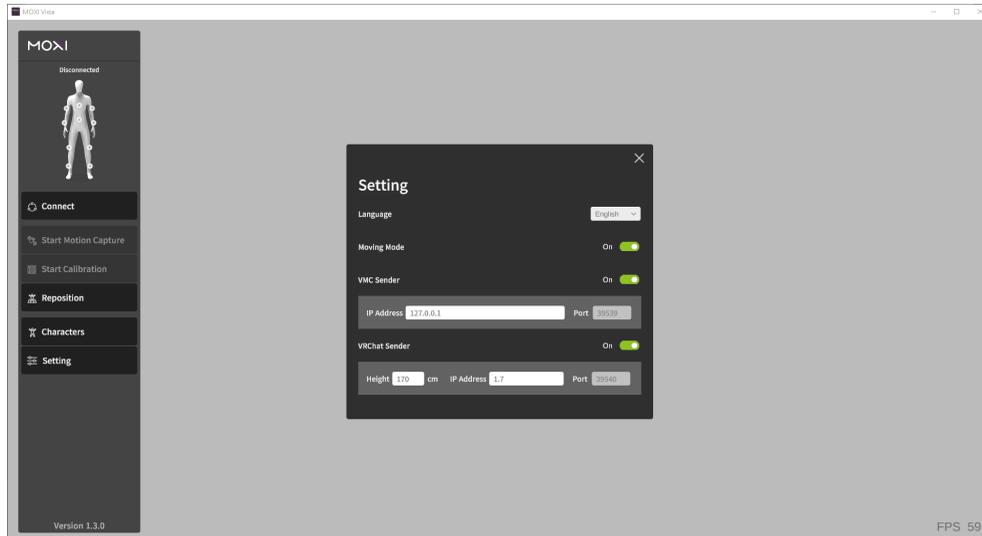
Movement and Scaling of 3D Virtual Characters

Control the 3D character with your mouse. Hold the middle button to move it and release to set its position. Scroll while holding the middle button to adjust distance, and use the right button to rotate the character 360°.

You can also press "Reorientation" to instantly reset the character to its initial position.

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Setting configuration



Settings

- Language: Choose between Chinese or English.
- Movement Mode: Enable character movement by using the middle mouse button. When "Open," the character can move; when "Closed," the character stays in place.
- VMC Transmission: Supports VMC software; input IP address to connect with VMC software.
- VRChat Transmission: Supports VRChat software; input IP address to connect with VRChat software and enter values to set the height of the motion capture performer.

➔ Watch this short video to see how to connect MOXI Vista with VRChat : [Click here](#)

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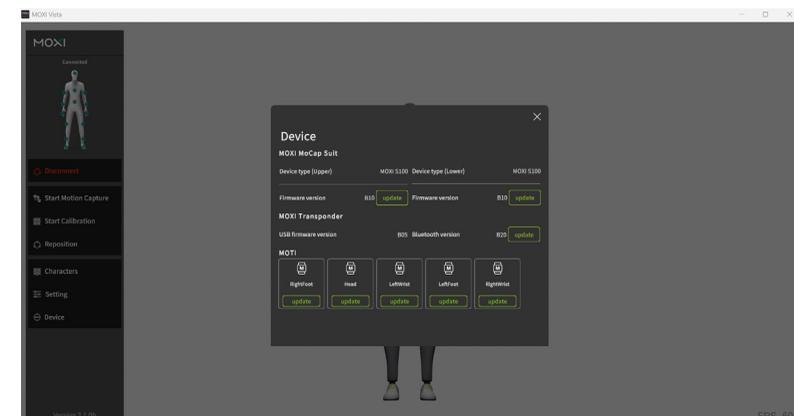
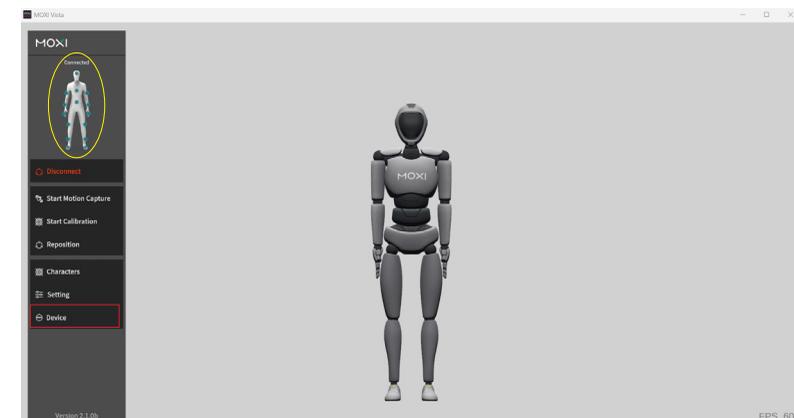
Update Suit Components

For best performance, we recommend updating the MOXI MoCap Suit software before starting your first session.

6-1 Update Suit Components

Press "Device" in the software to review all component firmware versions:

- 2 x Sensor Hubs
- Transponder (BT firmware + USB firmware)
- 5 x Wireless Sensors

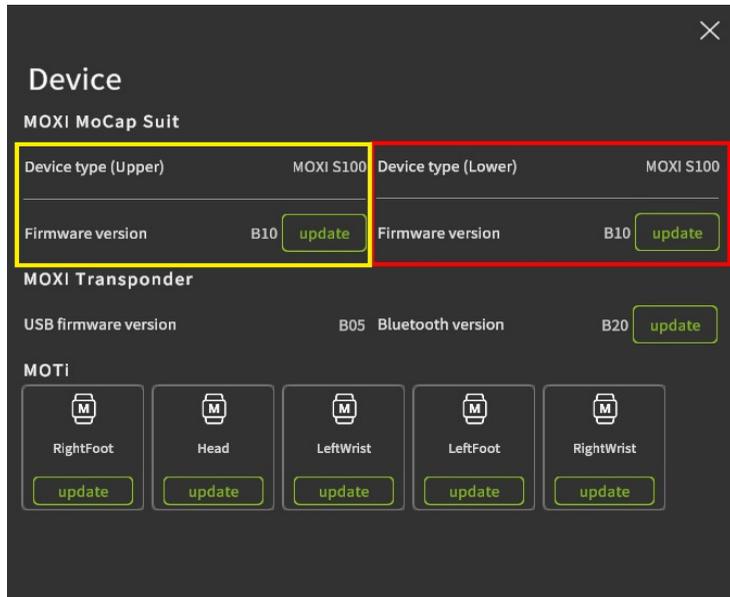


6-2 Sensor Hubs Firmware Update

If a new firmware version is available, an "Update" icon will appear next to the current firmware version.

For your reference:

- The Upper Body Hub is marked in yellow
- The Lower Body Hub is marked in red



1. To start updating the Upper Body Hub firmware:

- Click the "Update" icon next to the current firmware version.
- Connect the **hub directly to your PC using the Micro USB → Type-A cable.**
- Follow the on-screen instructions to complete the update.

2. After successfully updating the Upper Body Hub, repeat the same process for the Lower Body Hub.

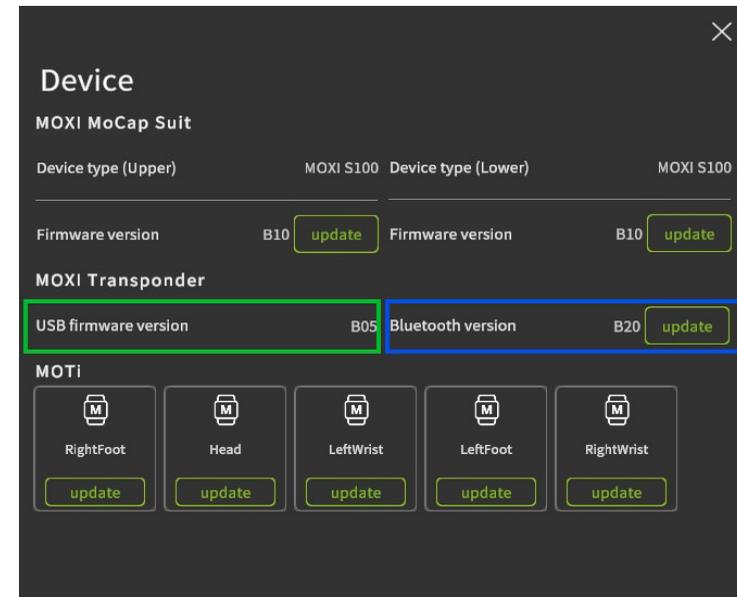
For detailed guidance, watch this instructional video: [Click Here](#)

6-3 Transponder Firmware Updates

The transponder firmware needs to be updated in two steps:

- Through the **TransEZ app** using **Bluetooth**.
- Through the **MOXI Vista software** using a **USB cable**.

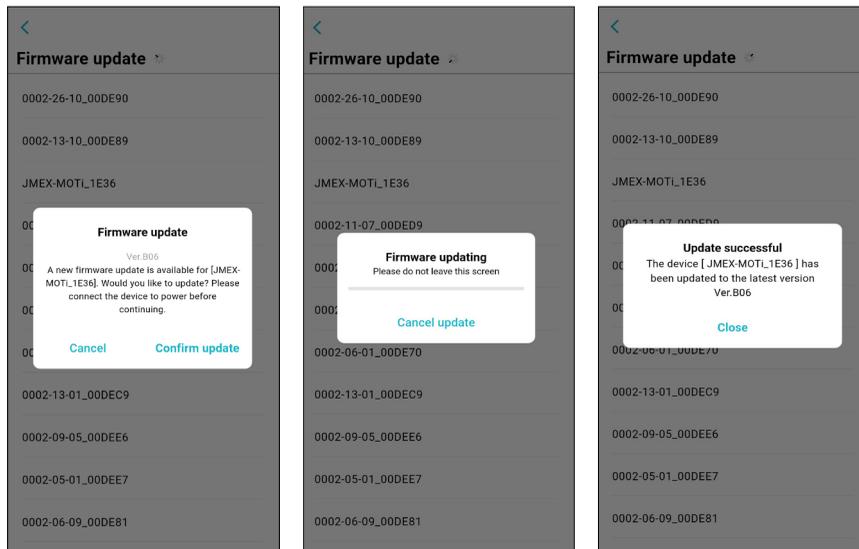
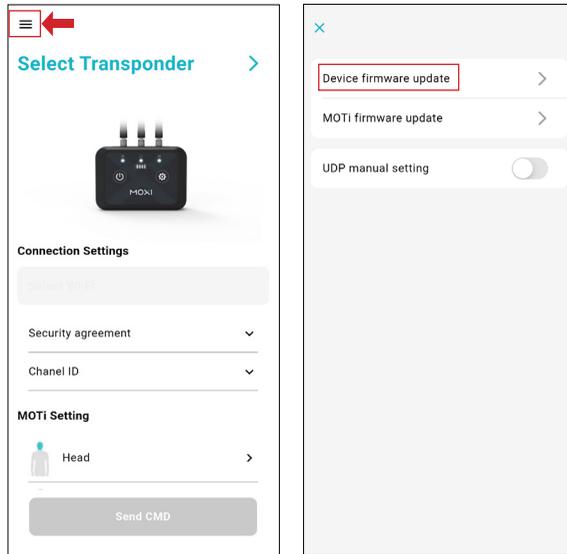
➔ **MOXI Vista - Device** will show exactly which part needs updating each time. See the picture below for reference.



6-3-1 Transponder Firmware Update - Through TransEZ

Before checking for updates, please ensure that the Transponder is **powered ON**, please follow the steps below.

* Make sure the **Transponder is in search mode**. Please long-press the Settings button until the **middle indicator light starts blinking**.



※ During the **Transponder firmware update**, ensure that you **do not turn ON or OFF** the transponder. Once the upgrade is complete, the indicator lights will turn off. You can then turn it on and begin using it.

Watch this guide to update the transponder firmware via TransEZ : [Click here](#)

6-3-2 Transponder Firmware Update – Through Cable (Same process for Vista and Player software)

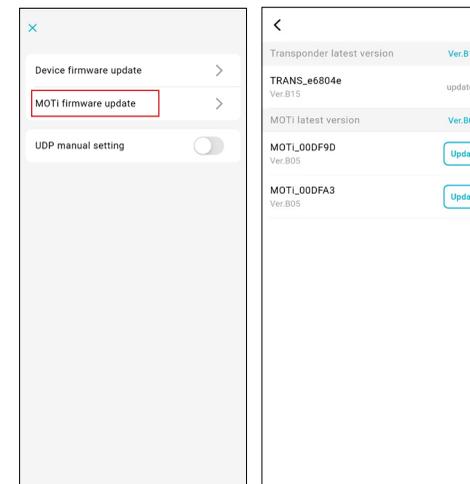
Before checking for updates, please ensure that the Transponder are **powered ON**

1. **Power on** the transponder and complete setup using the TransEZ app (no need to connect the MOTi or suit wires).
2. **Open the MOXI Vista (or Player software).**
3. Ensure the transponder is **successfully connected** to the software
4. Click “Device Information.”
5. Hover over “MOXI Transponder – USB Firmware Version.”
6. Ensure to **plug the transponder into your PC using the USB charging cable.**
7. Click “Update x2” to begin the firmware update.
8. When the update finishes, click “Done.”
9. **Unplug the charging cable.**
10. Suggested to restart the transponder by holding the power button until it turns off completely, then turn it back on.

Watch this guide to update the **transponder firmware** via **MOXI Vista/Player** : [Click here](#)

6-4 MOTi Sensors: View Firmware Version/Update

After **powering ON**, open the MOTi firmware update page in the TransEZ app. Select the MOTi sensor (by its serial number on the side) to begin the update.



※ Make sure the MOTi sensor is plugged into a power source (such as a PC, power bank, etc.) to **successfully update the MOTi firmware**. Otherwise, the update will fail.

※ Here is an instructional video that shows how to update MOTi Firmware : [Watch Here](#)

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Appendix

➔ After installing the MOXI Vista Software, Windows Firewall **may block or limit the software's access,** which can **cause connection failures with the suit.** It is highly recommended to verify that Windows Defender Firewall allows MOXI Vista to communicate both privately and publicly.

Follow these steps:

1. In the Windows search bar, type **"Windows Defender Firewall"** and open it.
2. Click Change settings.
3. Locate MOXI Vista Software and ensure both **Private** and **Public** check boxes are **selected.**
4. Click OK to save the changes.

For detailed guidance, please watch the instructional video: [Click Here](#)

➔ Always set **"Channel ID 1"** during the TransEZ setup.