Dual-axis Turntable

Quick Start Guide

V 1.0

The Dual-axis Turntable is compatible with the MINI and POP 2.
The software Revo_Scan_for_win_4.1.0.20220904c.exe only supports MINI at the moment. The next version will add support for POP 2.
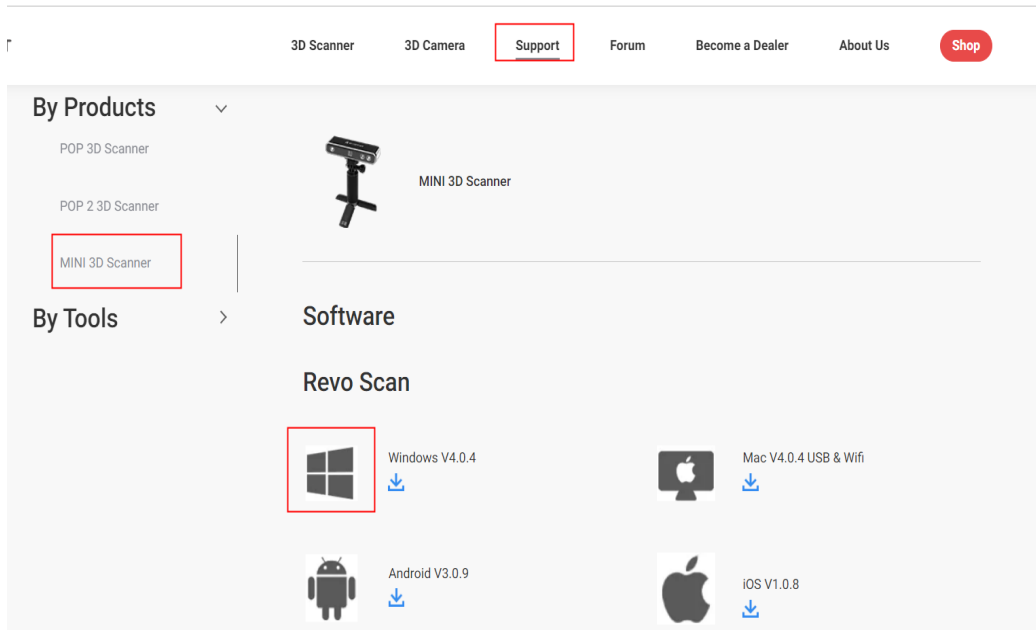
1. Downloading the Software

Please download the latest version of Revo Scan (Windows) at
https://www.revopoint3d.com/download-2/

Note:
For Windows, Revo Scan V 4.1.0 and above support the Dual-axis Turntable.
For macOS, the Revo Scan V 4.1.0 (Estimated release September 13th) and above support the Dual-axis Turntable.
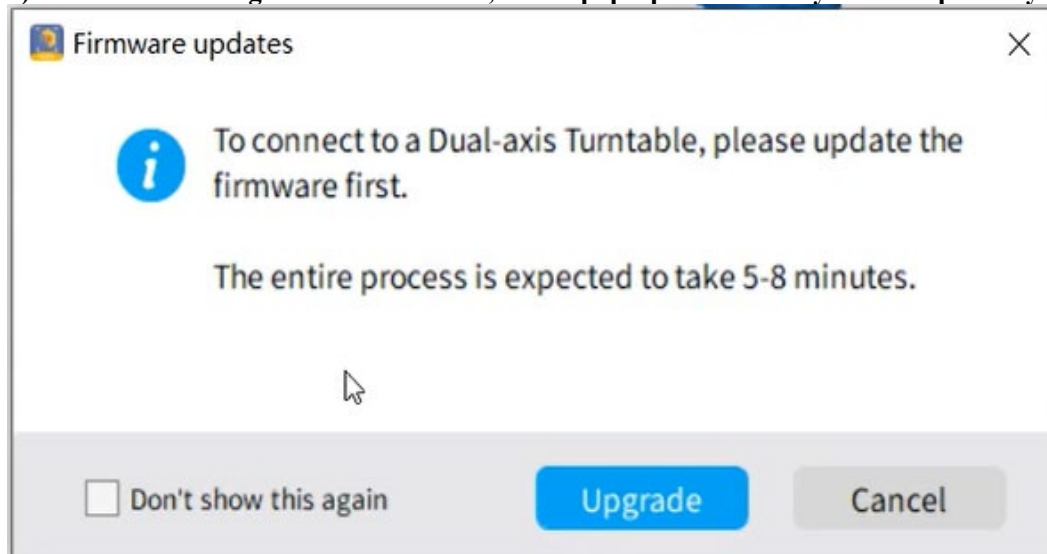

2. Connect the scanner via USB to a laptop and double-click to open Revo Scan.
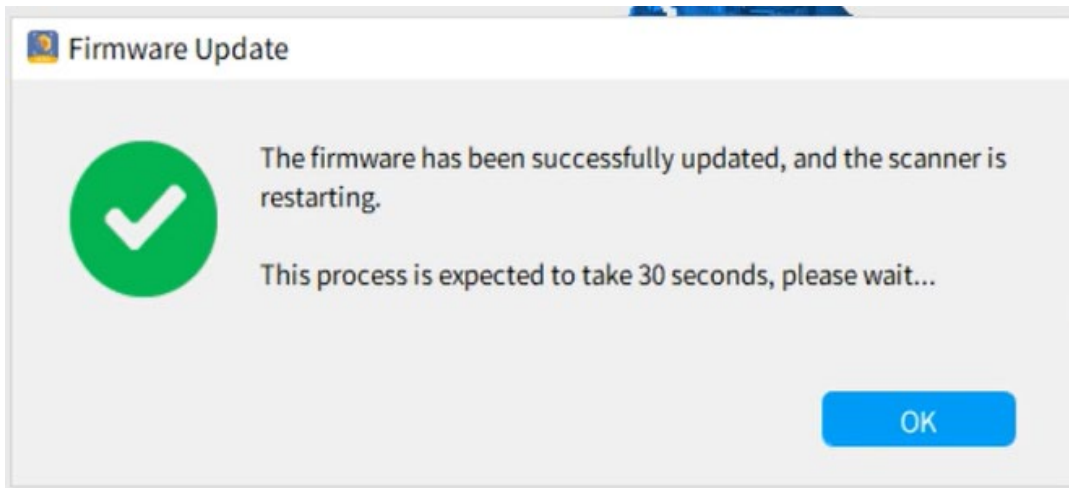
3. Updating the firmware.

Firmware updates are only supported via a USB connection.

1) After connecting the 3D scanner, this pop-up will ask you to update your scanner's firmware.

2) Click the "Upgrade" button, and the new firmware will be downloaded and installed automatically. Please follow the prompts to finish the firmware update. Once finished, the following window will pop up. And the 3D

scanner will restart automatically.

4. Powering on the Dual-axis Turntable

Connect the Dual-axis Turntable to a power outlet.
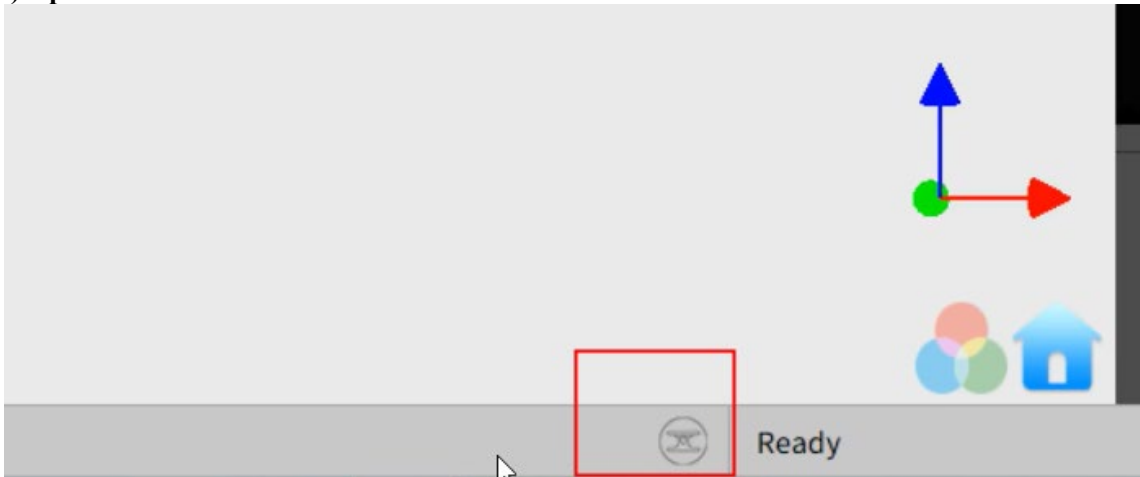**Please note that the Dual-axis Turntable requires at least 12V, 2A to work.**

5. Entering Bluetooth Pairing Mode
Press and hold the turntable's power button for 2 -3 seconds to enter Pairing Mode. When the LED flashes green continuously, it's ready for pairing.

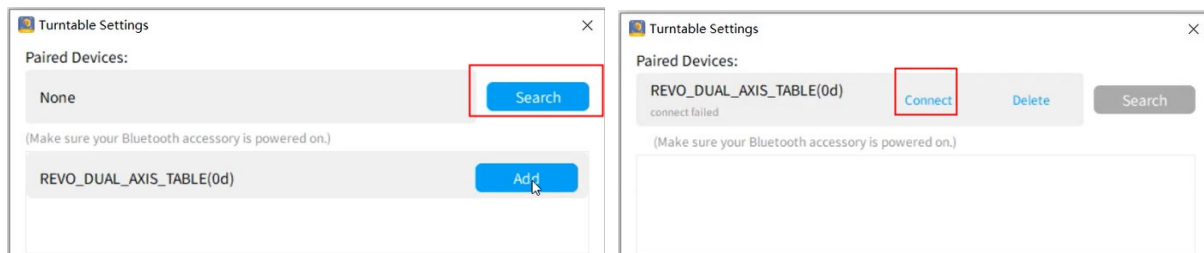## 6. Pairing the Dual-axis Turntable and your 3D Scanner

1) Open Revo Scan and click the Dual-axis Turntable icon on the status bar

2) Click Search, and wait for the Dual-axis Turntable to be discovered.
3) Click "Add" to add Dual-axis Turntable to the Paired Devices list.
4) Finally, click "Connect" to complete the process. When the turntable's LED is solid green, it's connected.
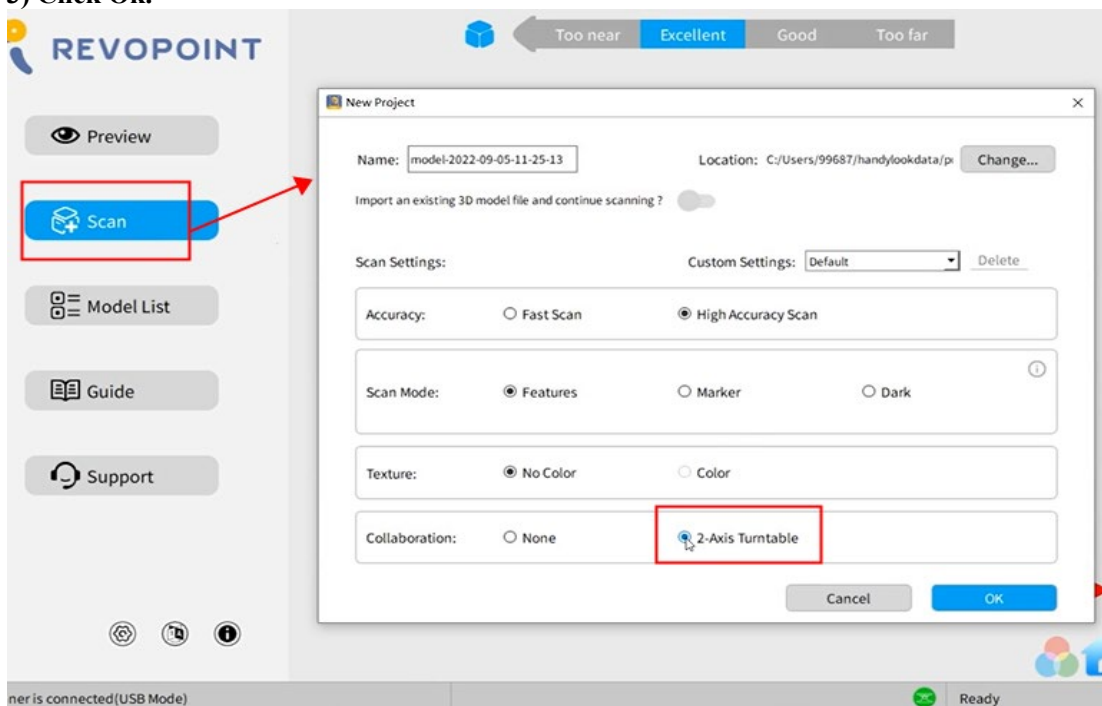

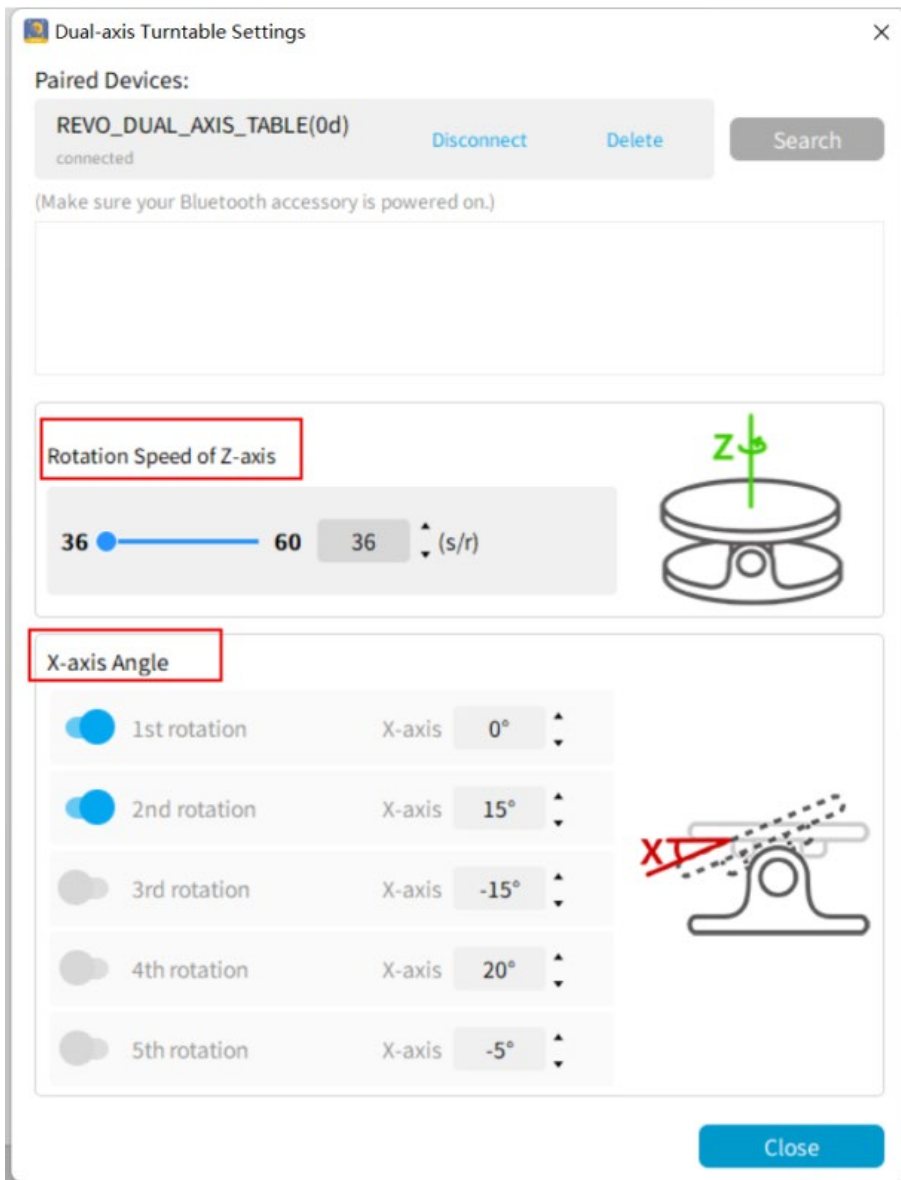## 7. Start Scanning with the Dual-Axis Turntable

1) Click on the "Scan" button
2) Pick your scan's setting, then select "Dual-axis Turntable."
3) Click Ok.

4) **Configure your turntable by selecting a rotation speed and X-axis angle for up to 5 rotations.**
The Z-axis rotation speed can be adjusted from 36 to 60 seconds per rotation.
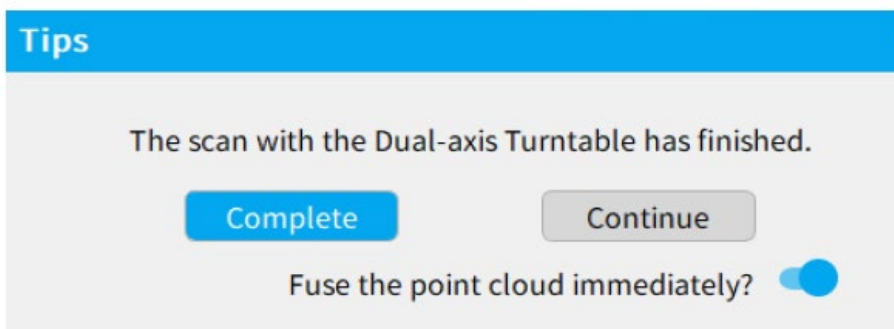**The X-axis angle can be adjusted within a range of ±30°.**
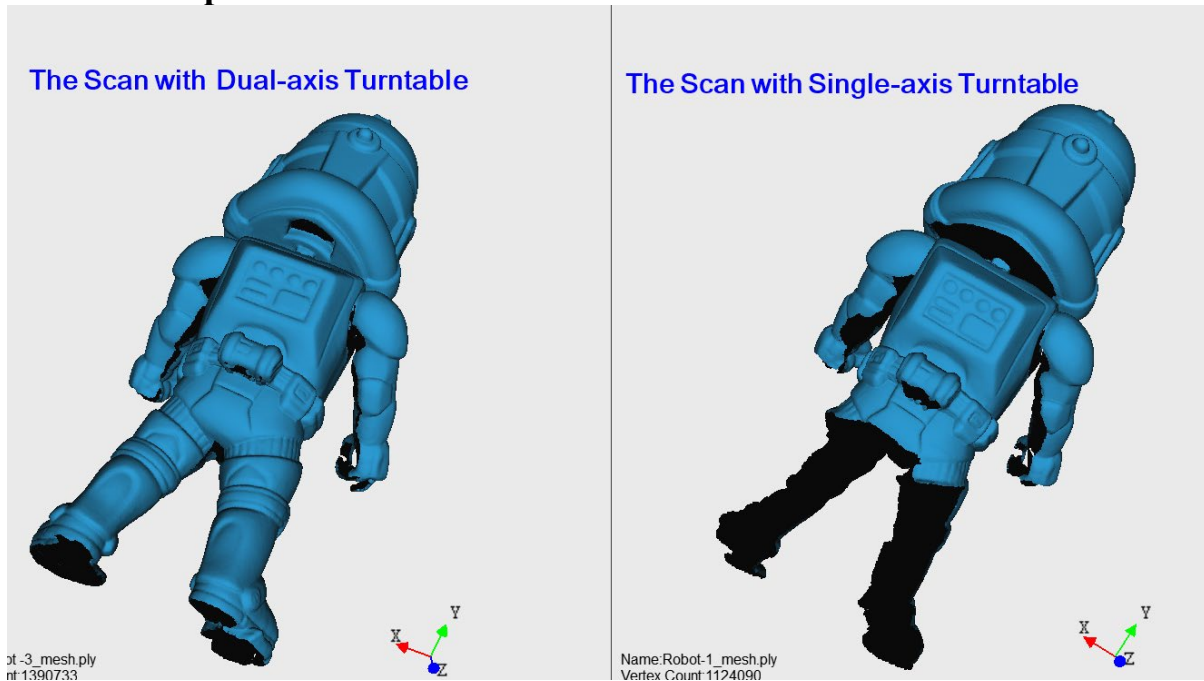

5) **Once configured, click "Close."**
6) **Click the "Start" button to begin the scan. The turntable will start spinning and automatically follow the previously selected settings.**

8. Finishing the Scan

The scan will automatically stop once the Dual-axis Turntable has completed all its set rotations. Select "Complete" to finish the scan.

9. Model Comparison

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.