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# Artec POINT

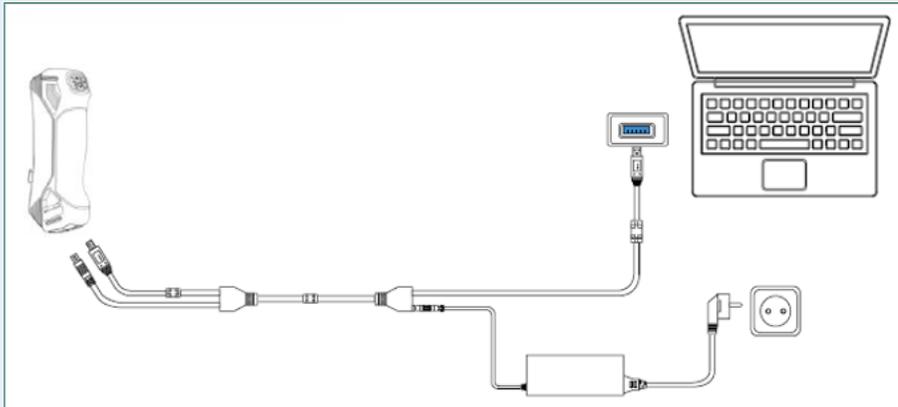
Quick Start Guide  
Scanning with Artec Point



English

Version 2025.05A

## How to connect your Point scanner to the computer



### Note

Please make sure that you have installed the **Artec Point Addon** plugin from **Artec Installation Center** before connecting the scanner to your computer.

## To connect Artec Point

Insert the dongle that comes with the scanner into the computer's USB port.

1. Connect the USB Type A port of the cable to the USB 3.0 port on the computer.
2. Connect the power port and Type B port of the USB cable to their corresponding interfaces on the device (when connecting, ensure that the direction of the arrow at the cable interface matches to prevent damage).
3. Plug the power adapter into the DC port of the USB cable.
4. After confirming that the above steps are correctly done, finally plug the power adapter into the power socket.

## Before you start

1. Please ensure that you have sufficient working area to scan objects, and all cables are well organized. Cables should be organized in a way that prevents accidental snagging on other objects.
2. Make sure the cables are long enough to scan the object. Excessive tension on the cables can lead to damage to connectors of the scanner, computer, power adapter, and in rare cases, to rupture and damage to the protective sheath of the cables.

3. Place the scanner on a safe and stable surface, where it will not be accidentally pushed away or damaged by other objects or people.
4. Keep adequate distance between scanner and other objects, sources of heat, and other people to maintain safety during working with the scanner.
5. Make sure the scanner is properly secured in your hands while holding it. Place it on a table or another surface very carefully when you are not using the scanner.
6. Any damage to cables, connectors and scanner caused by improper use of the scanner and the organization of the workspace is not covered by the warranty. It is prohibited to use the scanner if cables are damaged.

### Scan Control Buttons

The names and functions the control buttons are in the table below:



#### Scan control button

**Single press** › Starts/Pauses scanning

**Double press** › Switches the laser modes.

### Laser modes

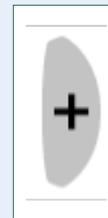
- **Grid** › The fastest mode with the largest field of view, suitable for general-purpose scanning
- **Parallel Lines** › Provides high resolution with a smaller field of view and lower speed
- **Single Line** › Designed for scanning deep holes.



**Short press from the main screen** › Enters Calibration mode.

**Long press in Targets, Geometry, and Calibration modes** ›

Finishes scanning and returns to the main screen of the Scan panel in Artec Studio.



**Short press from the main screen** ›

Enters Geometry mode.

**Single press in Targets/Geometry mode** ›

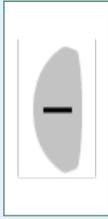
Zooms in.

**Double press in Targets/Geometry mode** ›

Zooms in twice.

**Long press in Targets/Geometry mode** ›

Locks the scene.



### Short press from the main screen ›

Starts Refine Geometry mode.

**Single press in Targets mode ›** Zooms out.

**Double press in Targets mode ›** Zooms out twice.

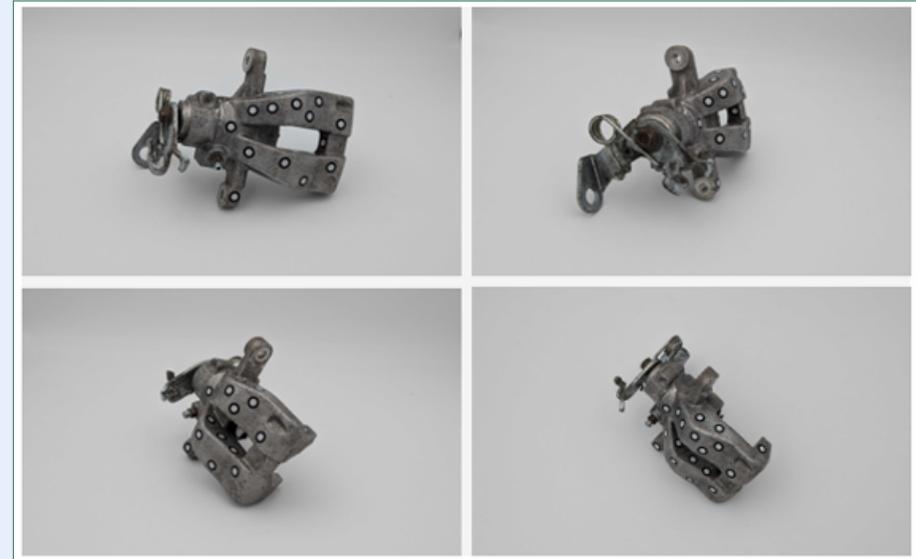
**Long press in Targets/Geometry mode ›** Unlocks the scene.

### Note

Artec Point requires Artec Studio 18 or higher to scan with the Point scanner.

## Calibration - before you start scanning

- Launch **Artec Studio**.
- Open **Scan** panel.
- Click the **Scan with Artec Point** button and wait for Artec Point to initialize.
- **Calibrate** Artec Point: to get the best results, we recommend calibrating Artec Point before each scanning session. Follow the calibration instructions in Artec Studio.



## Object Preparation

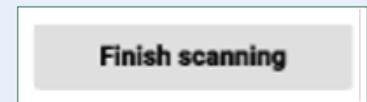
1. Attach reflective targets to or near the work piece.
2. Adjust target size by expanding the Advanced section on the Scan panel in Artec Studio.

## Scan targets



**Scanning Scan control button** on scanner to start/pause scanning.

Press the **Finish scanning** button in **Artec Studio** when scanning is ready.



For higher quality of the resulting point cloud, it is strongly advisable to scan the attached targets in **Targets mode** before scanning the object itself.

When scanning targets, position Artec Point near the work piece and ensure targets begin to appear one by one in the 3D scene.

### Scan the target object

Now you are all set up to start scanning the object.

1. Select the targets object that scanning will be based on.
2. Click the **Play** button to the right of the **Scan geometry** section to initiate scanning in **Geometry** mode.
3. Press the Scan control button on the scanner to turn on its laser.
4. Scan the object.
5. Press the Scan control button on the scanner again when scanning is complete.
6. Finally, click the Finish scanning button in Artec Studio. Artec Studio will automatically perform initial scans processing and optimization.

#### Note

For further information regarding the settings of Artec Point scanning and postprocessing scanned data, please refer to the Artec Studio manual.

### FAQ

#### Scanner does not start

- If the scanner does not light up at startup, check the power supply and ensure the power adapter is connected to the scanner.
- Contact 4C Support Team (support@4cccc.nl).

#### Scanner is not recognized on the PC

- Check that scanner has a power supply and switched on.
- Check the data cable is not damaged or bent.
- Check that the USB port complies with the USB3.0 specification.
- Check that the driver status in the Device Manager is up to date.
- Restart the PC and the scanner.
- Contact 4C Support Team (support@4cccc.nl).

Have fun scanning with  
**ARTEC POINT**



## 4C Creative Cad Cam Consultants

4C Creative CAD CAM Consultants is a company specialized in 3D technologies and is located in Emmen, Drenthe. 4C is your partner for delivering professional hardware and software for 3D scanning, reverse engineering, AR & VR and quality control.

### Contact

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For more information, FAQ, updates, documents and videos about Artec Point go to [4cccc.nl/kennisbank/artec-point](https://4cccc.nl/kennisbank/artec-point)



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an Artec 3D scanner in the Benelux