



Quick Start Guide



LMI TECHNOLOGIES

Getting Started with the HDI Advance 3D Scanner

This quick start guide provides you with the resources to get you started on 3D scanning.

The HDI Advance 3D Scanner comes with:

- 3D scanning software, FlexScan3D
- Physical capturing unit for capturing 3D data (some assembly is required)

Downloading FlexScan3D Software

The HDI Advance 3D Scanner is powered by FlexScan3D. You can download the software from the Download Center (downloads.lmi3d.com). To create a download account, please send your contact name, email address, company name, and scanner model to orders@lmi3d.com.

Instructions for installing and activating FlexScan3D using installation ID or dongle can be found in the User Manual under “Getting Started”: <http://manual.lmi3d.com>.

Assembling the Capturing Unit

Instructions for assembly can be found in this Quick Start Guide.

Customer Support

If you have any installation issues, please contact:

Worldwide

Email:

support@lmi3d.com

Web:

www.lmi3d.com

North America

Phone:

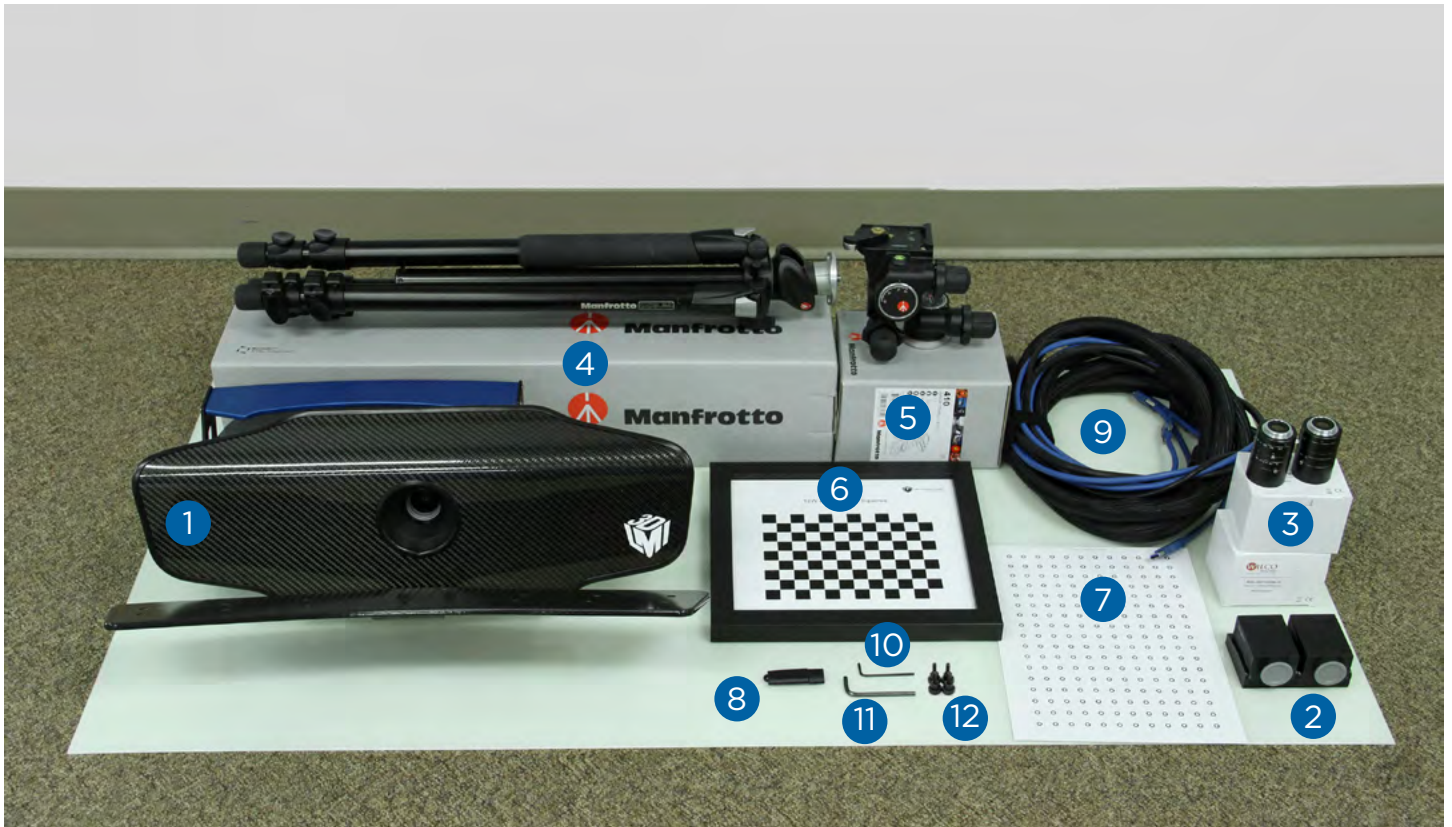
+1 604 636 1011

Europe

Phone:

+31 45 850 7000

Congratulations on purchasing the HDI Advance 3D Scanner. Here are the steps to set up the capturing unit for 3D data acquisition. In this tutorial the HDI Advance R3x 3D Scanner was used. There are slight variations to the instructions depending on which model you have purchased. Please see the following instructions to assemble your 3D scanner, most of which will be pre-assembled.



When you receive your HDI Advance 3D Scanner, check that all components are included:

Number	Item
1	Carbon Fiber Mount with Projector and Remote
2	2 x USB 3.0 Cameras
3	2 x Lenses (12mm)
4	Tripod Legs
5	Tripod Head
6	15mm Calibration Board
7	1 sheet of Photogrammetry Dots
8	FlexScan3D Dongle
9	Power cable, HDMI cable, USB 3.0 cable (3m)
10	Hex Key, 2mm, 16x83mm
11	Hex Key, 5/32" Short Arm Key
12	4 x Screws

Tripod Setup

Simply open up the tripod legs and place them firmly on the ground.



Attach the tripod head to the legs by firmly twisting the tripod head until it is hand tight.



Connect the Scanner to the Tripod

Carefully lift up your pre-assembled scanner and locate mount adapter. Gently place the scanner onto the tripod head. This will snap into place when the scanner rests on top of the tripod head.





Attach the Cameras to the Scanner

Attach the two cameras onto the scanner on both sides using the screws. Tighten screws until they are firm but do not over tighten.



Attach the Lenses to the Cameras

Carefully remove the lenses from the packaging and take off the camera lens cap from each camera. The lenses will need to be screwed onto the cameras until they are hand tight.



Connect the HDMI and Power Cables to the Projector

Locate the back of your projector and attach the HDMI and power cables.





Connect the USB 3.0 Cables to the Cameras

Attach the USB 3.0 cables to the back of the cameras, and lock the cables with the locking screws.



Connect the USB 3.0 cables and the HDMI cable to your computer. Plug the power cable into an electrical outlet. The physical assembly of the HDI Advance 3D Scanner is now complete.

