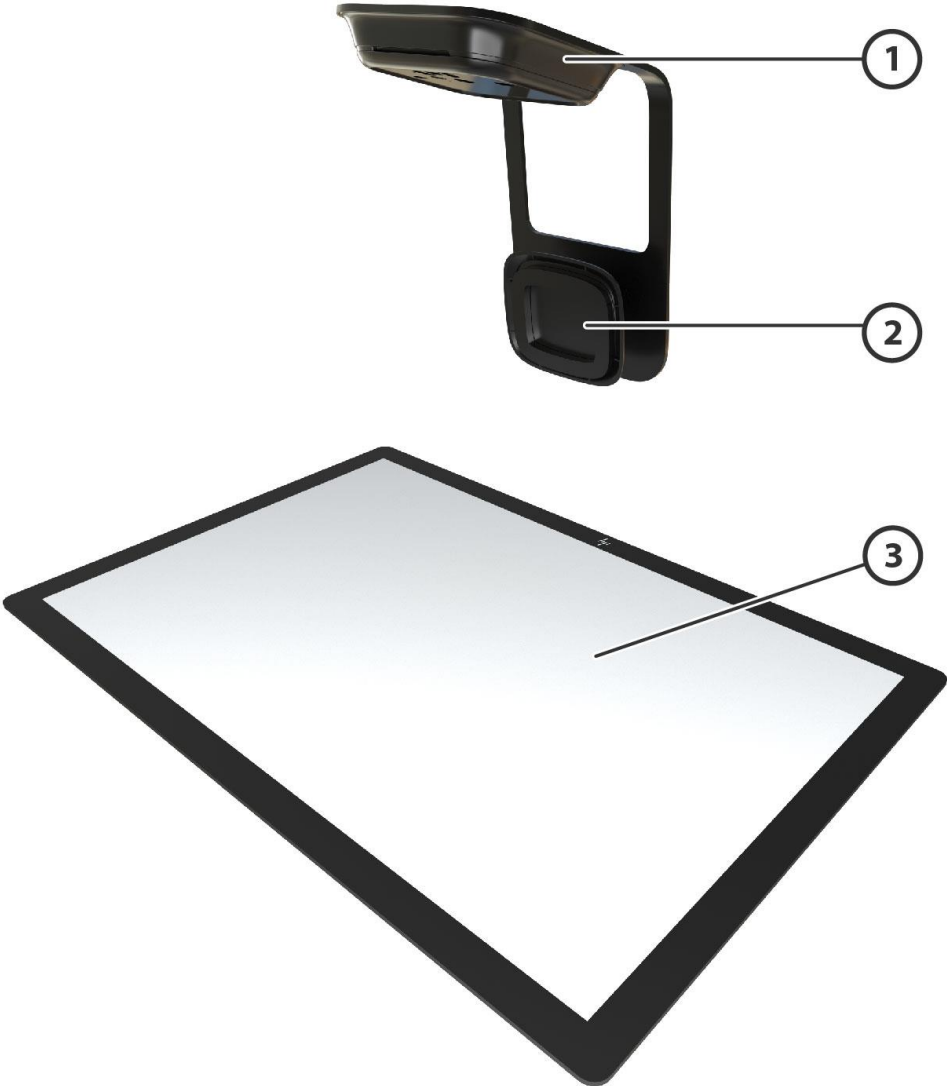


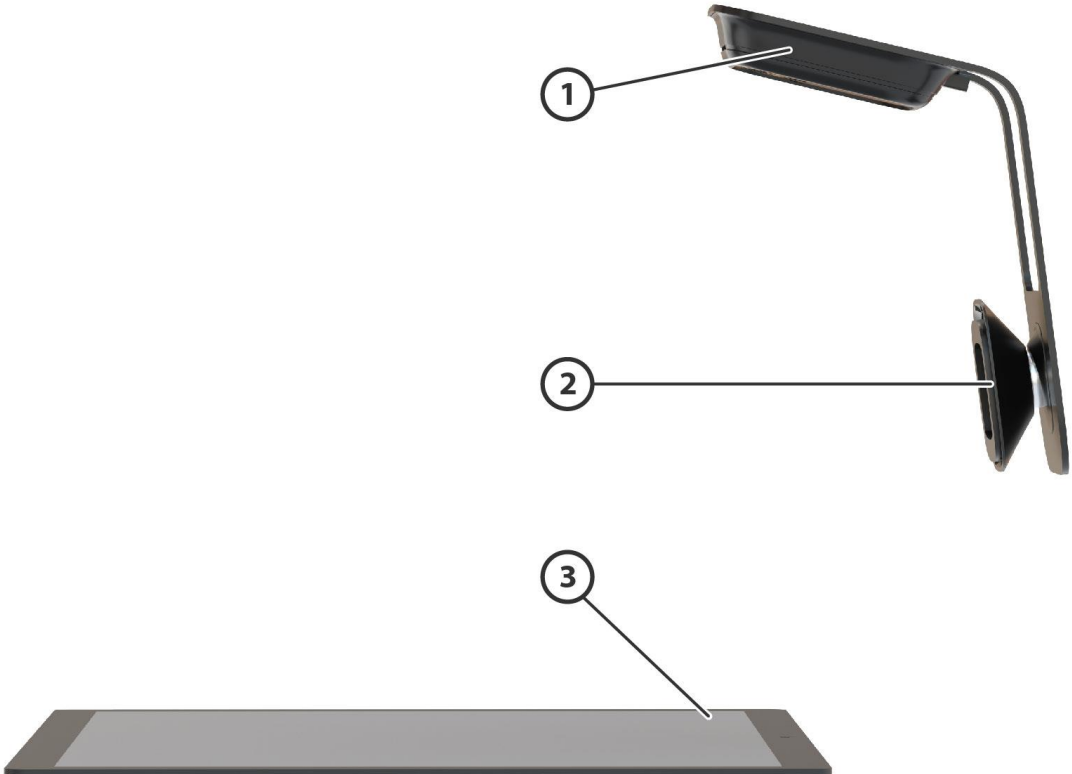
Overview

HP Z 3D Camera



- 1. Main Module
- 2. Mount
- 3. Scan Mat

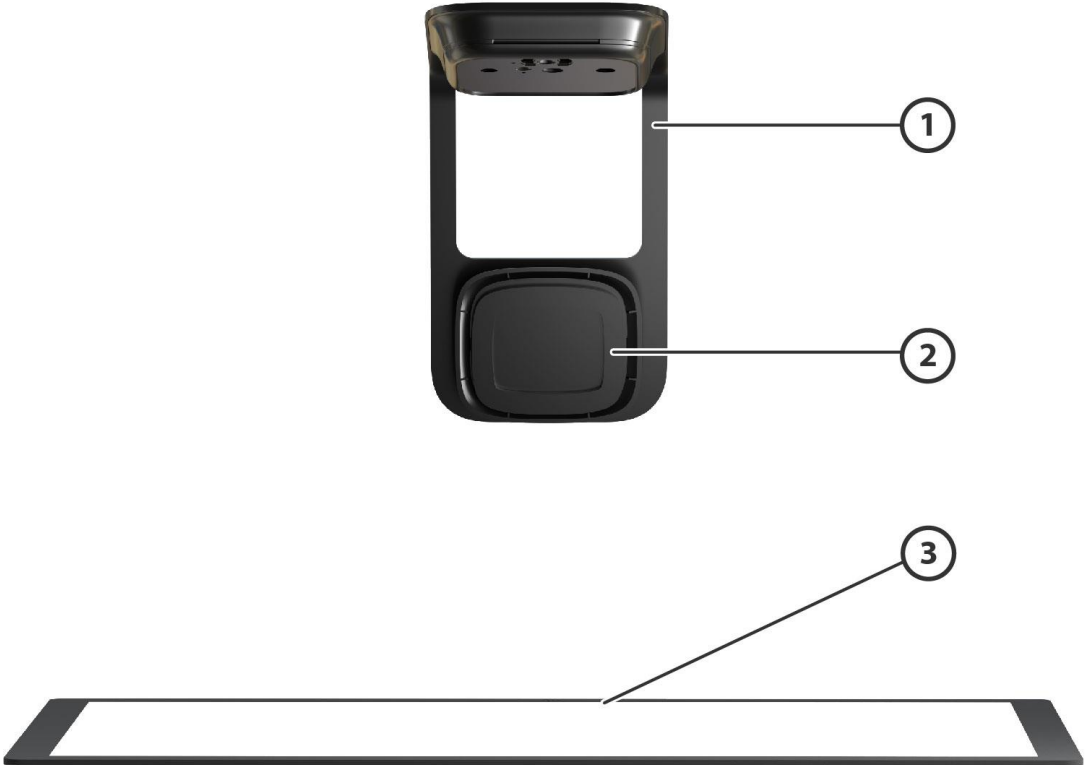
Overview



Side View dimensions

- 1. Main Module
- 2. Mount
- 3. Scan Mat

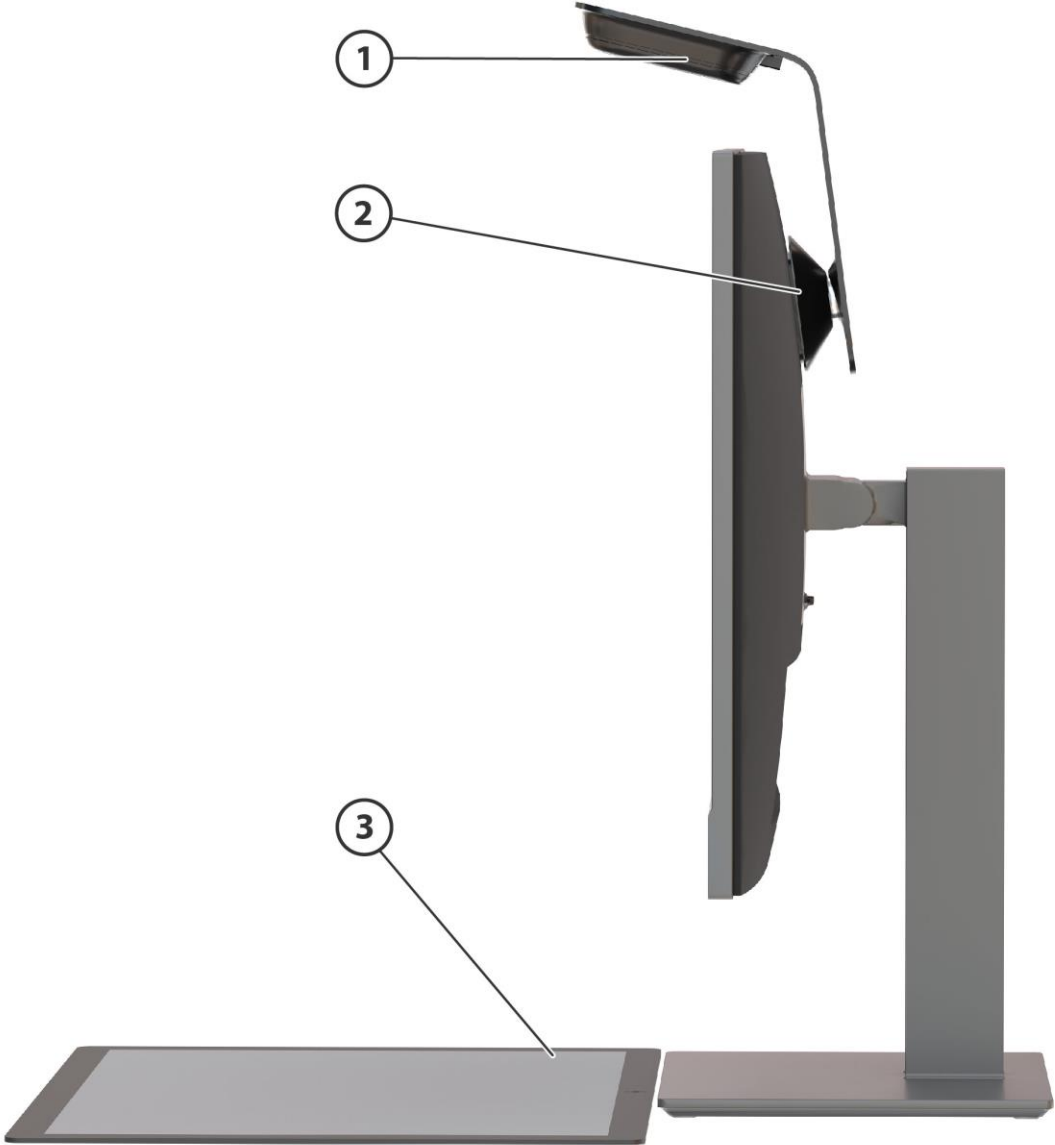
Overview



Front view dimensions

- 1. Main Module
- 2. Mount
- 3. Scan Mat

Overview



Side view mounting
***monitor NOT included**

- 1. Main Module
- 2. Mount
- 3. Scan Mat

Overview

Models

HP Z 3D Camera

3DB06AT

What's in the box

- HP Z 3D Camera
- Welcome Letter
- Scan Mat
- Scanability Matrix
- Quick Setup Guide
- Installation USB
- USBC adapter
- Three Badges

Compatibility and Compliance

The HP Z 3D Camera is compatible with most of the current HP Z and EliteDisplay series monitors and requires a PC with minimum configuration of Windows 10 64-bit Fall Creators Update (Version 1709), Intel® Xeon® E3-1200 v3 or 6th Generation Intel® Core™ i3 (or equivalent) Processor, 8 GB DDR4 RAM, 2 GB Disk Space, NVIDIA® GeForce® GTX 760 or NVIDIA® Quadro® M620 (or equivalent) 2GB VRAM, Full HD Monitor (1920 x 1080), 1 x USB 3.0 Type-A port & 1 x USB 2.0 Type-A port (or 1 x USB 3.0 Type-C port for included adapter), internet connection.

HP Z 3D Camera is not available in all regions.

WEIGHTS & DIMENSIONS (Product & Package)

Main Module + Mount	L: 8.73 in (221.79mm) W: 4.51 in (114.60 mm) H: 5.0 in (127.52mm)
Scan Mat	L: 18 in (457.20 mm) W: 13 in (330.20 mm)
Cable length	59.05 in (1.5m) (cable is attached to the main module)
Package	L: 19.84 in (504.1 mm) W: 13.88 in (352.7 mm) H: 5.24 in (133.2 mm)
Weight	1.2 lb (543.6 gr)

Warranty and Support

One-year, worldwide parts-and-labor limited warranty. 24/7 technical support

Technical Specifications

Form Factor	Accessories
Color	Black
High-Res Color Camera	14.2 Megapixel, 4:3 aspect ratio
Scan Mat Capture Area	11.8" x 17.7", 3:2 aspect ratio
3D Camera/Depth sensor	Depth sensor and IR camera
Connector	1 x USB-3.0 Type A & 1 x USB-2.0 Type A
Recommended system Requirements	
OS	Windows 10 64-bit Fall Creators Update (Version 1709) or later
CPU	Intel® Xeon® E3-1200 v3/6th Generation Intel® Core™ i3 (or equivalent) Processor
USB ports	2 USB (1 x USB-3.0 Type A) (1 x USB-2.0 Type A) (or 1 x USB 3.0 Type-C port for included adapter)
System RAM	16 GB DDR4 RAM or above
Storage	2 GB Disk Space required to install
Graphics	NVIDIA® GeForce® GTX 760/NVIDIA® Quadro® M620 (or equivalent) 2GB VRAM
Monitor	Full HD Monitor (1920 x 1080)
Other	internet connection

2D Camera

Sensor native resolution	4416 x 3312 (14.6 Megapixel)
Interface: command + data	USB 3.0
Frame Rates:	
4352x3264:	6fps
4352x2896:	6fps
4224x3168:	6fps
3840x2160:	10fps
2176x1632:	15fps, 25fps
2176x1488:	15fps, 25fps
2112x1584:	25fps
1920x1080:	15fps, 30fps
1056x792:	15fps, 30fps, 60fps
1056x704:	15fps, 30fps, 60fps
960x540:	15fps, 30fps, 60fps
640x480:	15fps, 60fps
416x234:	60fps
Output format	UVC1.1 YUY2(YUV422)
Front focal distance range	570mm nominal
Field of View	48.9° horizontal, 37.7° vertical, 59.2° diagonal
Relative Illumination	>80% at max FOV
Typical power consumption	3 W for camera 1.5 W for LED light

3D depth sensing camera



Technical Specifications

Scanning technology	3D depth sensing camera (IR Diffractive Optical Element Projector)
3D resolution	2~5mm, for depth sensing range 30cm ~ 120cm
3D point accuracy	2~10 mm relative depth accuracy within depth sensing range
Color texture	Using 14.2 megapixel 2D camera
Scanned object size	100x100x100 mm ~ 300x300x300 mm
Export formats	OBJ, 3MF

WorkTools descriptions

The WorkTools* is a suite for applications that fully utilizes the immersive capabilities of HP Z 3D Camera. It downloads and gets installed automatically (Internet access required) when the HP Z 3D Camera is plugged into the system

Welcome	Set up your HP Z 3D Camera and get started quickly with this simple step by step introduction
Discover	Update your HP Z 3D Camera software, download new apps and explore how to make the most out of your HP Z 3D Camera experiences
Stage	Easily store or visually organize your captured or imported contents
Capture	Scan objects and documents in 2D and utilize live previewing, editing and external display presenting capabilities
Camera 3D	Scan your physical objects in a matter of seconds by simply holding and rotating the object under your HP Z 3D Camera to create high quality 3D models
Control	Control allows you to adjust the hardware settings of HP Z 3D Camera and Scan Mat

* HP WorkTools requires Internet access for download and future updates.

3D Scan Limitations

- Not intended for detailed 3D reproduction
- Only rigid parts can be 3D scanned
- Black, shiny, transparent, glossy and highly reflective surfaces have 3D scan limitations and are not recommended.
- For additional guidance on the type of objects you can scan please refer to the scanability matrix included in the box

Summary of Changes

Date of change:	Version History:		Description of change:
January 9, 2018	From v1 to v2	Changed	Format changes
June 6, 2018	From v2 to v3	Changed	Model section
July 3, 2018	From v3 to v4	Changed	What's in the box, Compatibility and Compliance, Technical Specifications sections
September 25, 2018	From v4 to v5	Changed	Compatibility and Compliance, Recommended system Requirements sections

© 2018 HP Inc. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Windows is a trademark or registered trademark of Microsoft Corporation in the U.S. and other countries. Adobe PDF is a trademark of Adobe Systems Incorporated. NVIDIA, GeForce and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. Intel, the Intel logo, and Intel Core are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.