

Technical Specifications

Name	Matter and Form THREE 3D Scanner
SKU	MFSTHREE
Technology	Stereo camera structured light with focusable cameras
CPU	Quad-core 64bit SoC 1.5GHz with Integrated GPU
RAM	4 GB
Internal Storage	16 GB
Projector	DLP MEMS mirror
Camera Sensor	Sony 13 megapixel
Scan Speed	4 seconds
Processing Speed	10-15 seconds
Alignment	Automatic / Point-pick
Scan Modes	Automated Turntable / Single Shot Scan
Scanning Environment	Indoor and Outdoor(shaded)
Texture / Color Scanning	Yes
Minimum Capturable Feature Size	0.2 mm
Maximum Capturable Object Size	Theoretically unlimited. Practically, scans are limited to the available 16 GB storage capacity
Scanner Weight	709 grams
Scanner Dimensions	251mm x 119mm x 31mm
Operating Systems	ANY operating system that supports a modern web browser
Devices Supported	ANY device that supports a modern web browser
API Access	Yes
Open source project support	Yes
User-Custom Programming (Edge Computing)	Yes
Connection Type	WIFI / Gigabit Ethernet / Hotspot
Output Formats	OBJ, PLY, XYZ, GLTF, DAE, STL, FBX
Power Supply Input	100 - 240V AC, 50/60Hz
Power Supply Output	12V 4A

Accuracy / Resolution / Working Distance

Distance from Scanner	Z Accuracy in Microns	Resolution in Microns
220 mm / 8.66"	33	37
400 mm / 15.74"	150	65
700 mm / 27.55"	400	114

Included In the Box

- Matter and Form THREE 3D Scanner
- Turntable
- AC Power adapter with interchangeable world-wide plugs
- Calibration card
- User Manual
- Product information booklet
- Carrying case