Matterport Pro3 Technical Specifications

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Depth

Depth technology	LiDAR
Laser	Class 1 (in accordance with IEC 60825-1:2014)
Wavelength	904nm
Field of view	360° H / 295° V
Accuracy	+/- 20mm @10m
Depth Resolution	100k points per second 1.5M points per scan
Min operating range	0.5m
Max operating range	Up to 100m (only available with E57)
3D Data Registration	Automatic

Photography

Output pano pixels	134.2 MP
Number of exposures per HDR frame	5
White balance	Automatic, full model

System

Capture speed	<20 seconds per scan
Camera boot time	<40 seconds
Remote operation	Matterport App on Apple or Android mobile devices
Wireless communication	BLE to setup WiFi connection WiFi 802.11 5GHz communication with mobile device running Matterport App

Physical

Dimensions	181mm x 161.4mm x76mm
Weight	2.2 kg
Battery	>220 scans assuming continuous, consecutive scans
Battery charge time	2.5 hours 80% charge 3.5 hours 100% charge
Mounting mechanism	Quick release tripod mount; Female 3/8-16 thread
GPS	Included

Environmental

Operating Temperature	0C to 40C
Storage Temperature	-20C to 60C
Ingress protection	IP43