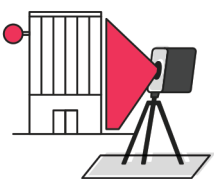


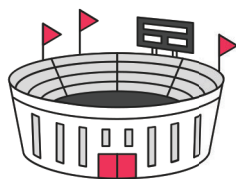
Faster scanning. Better accuracy. Bigger spaces.

Pro3 is Matterport's next-generation lidar camera that amplifies the distinctive features introduced in the landmark Pro2. Delivering immersive and highly-precise digital twins of any space—including outdoors—Pro3 opens a new world of 3D capture possibility.



Indoor, outdoor, anytime 3D capture.

Digital twins are no longer confined to indoor spaces. Pro3's lidar sensor takes millions of measurements in conditions from dim to direct sunlight.



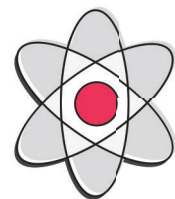
Unprecedented precision over larger properties.

The Pro3 creates digital twins that are more accurate, more detailed, and more true-to-life than ever before.



Incredible range. Record-time scans.

Capturing 3D data up to 100 meters away at <20 seconds per sweep, Pro3 speeds up the scanning process.



High-performance, high-precision lidar.

The Pro3's lidar sensor can be used for long range capture tasks and collects millions of data under any conditions.

Technical Specifications



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 to max operating range	From 0.5m 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 Capture App on Apple or Android mobile devices
Wireless communication	BLE to setup WiFi connection WiFi 802.11 5GHz communication with mobile device running Capture App

Physical

Dimensions	181mm x 161.4mm x 76mm
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	0°C to 40°C
Storage Temperature	-20°C to 60°C
Ingress protection	IP43



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