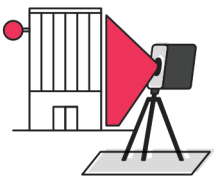


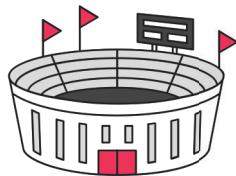
## **Faster scanning. Better accuracy. Bigger spaces.**

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.



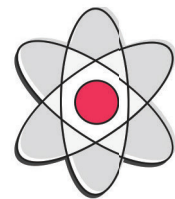
### **Unprecedented precision over larger properties.**

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



### Manchester Metrology Ltd

Unit 3, The Wellington Centre, Whitelands Road, Ashton-under-Lyne OL6 6UY  
0161 637 8744 | manchester-metrology.co.uk

