

Pika

Next-generation portable AI 3D scanner powered by a high-precision dual-light projection architecture. Seamless marker-free spatial capture with ultra-fast scanning rates and vibrant, true-to-spec dimensional accuracy.

Next Gen Portable Scanner

Specifications

Color Mapping:	Supported
Supplemental Light:	4 Blue/White LEDs + 4 Infrared LEDs
Laser Safety:	Class I (eye safe)
Wi-Fi:	Wi-Fi 6
Interface:	TypeC / USB3.0
Dimensions:	100mm × 60mm × 35mm
Weight:	260g (batteries included)
Operating Temperature:	-10°C to 40°C
Operating Humidity:	10-90%RH
Processor:	8-core CPU (2.0 GHz)
Display:	3-inch Touchscreen
Battery:	3350 mAh (comes with a backup battery)
Input Power:	5V 2A
Windows Requirements:	Windows 10/11, Intel i7 Gen13 or above, NVIDIA RTX 3060 or above, 32GB RAM
Mac OS Requirements:	OS 14 or above, Apple M3/M4/M5, 32GB RAM
Android Requirements:	Android 10.0+, Snapdragon 8 Gen4 or above, 12GB+ RAM
iOS Requirements:	iOS 15+, A17 or above, 8GB+ RAM (Mini connection not supported)
Calibration Board:	High-Precision Glass Calibration Board

Accessories Included

Scanner	Tripod	USB-C 3.0	PSU + Adapter	Calibration Plate
Reflective Markers	Cloth	Rechargeable Batteries	Docs	TurnTable

7 Parallel Blue Laser

Accuracy:	Up to 0.03mm
3D Resolution:	0.1-2mm
Scanning Speed:	Up to 110 FPS
Scanning Speed (Phone):	Up to 40 FPS
Min. Scan Volume:	10mm x 10mm x 10mm
Single Capture Range:	101mm×107mm at 160mm / 344mm×268mm at 400mm
Working Distance:	160mm-400mm
Outdoor Scanning:	≤110,000 lux
Alignment Mode:	Marker / Global Marker / Marker-free

NIR Structured Light

Accuracy:	Up to 0.1mm
3D Resolution:	0.15-2mm
Scanning Speed:	Up to 30 FPS
Scanning Speed (Phone):	Up to 20 FPS
Min. Scan Volume:	150mm x 150mm x 150mm
Single Capture Range:	144mm×134mm at 200mm / 764mm×670mm at 1000mm
Working Distance:	200mm-1200mm
Outdoor Scanning:	≤80,000 lux (with filter)
Alignment Mode:	Marker / Global Marker / Geometry/Texture
NIR Filter:	Yes



Swappable
Batteries

3 Inch
Display



Stable Sunlight
Scans