3DMAKERPRO

3D SCANNER
Toucan

THE ALL-IN-ONE 3D SCANNER

store.3dmakerpro.com

The All-in-One 3D Scanner

From desktop figurines to life-size sculptures, Toucan lets you scan, edit, and fuse complete 3D models

— all without a computer. Everything happens inside the device.

Next-Level Precision & Adaptability

High-Power Blue-Light MEMS Projector3D SCANNER

Precision Upgrade: Electromagnetic drive with 0.005 mm repeatability, 10× higher than electrostatic systems.

Dual Power Modes: Class 1 (eye-safe) & Class 3R (for dark materials), maintaining high precision even at higher power.

High-End Hardware

8-Core CPU + 32GB RAM

Smooth handling of massive point clouds without lag.

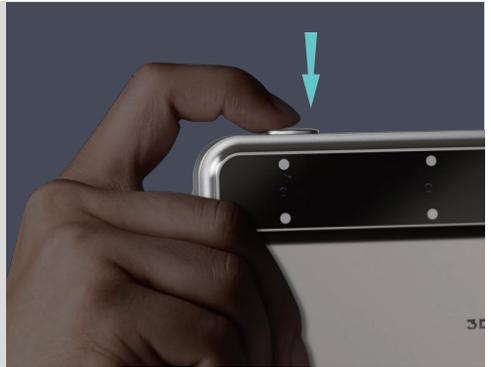Up to 120 minutes of continuous scanning on a single charge.

Ergonomic Scroll Wheel Design

Make scanning adjustments effortless, whether it's adjusting scanning parame-ters, mode selection, model scaling, etc. Solving them all through the scroll wheel without occupying screen position.

Shortcut Button

Designed for quickly start, pause and stop scanning, also acting as a photog-raphy mode shutter.

6,600 mAh

Supports 50W fast charging: 80% charging in 30 minutes, providing 2-hour continuous working.

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Performance Parameters:

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Scan Type	Continuous Handheld Scan/ Photo Scan / Table Scan
Camera	4 Cameras + 48 MP RGB
Light Source	Blue Structured Light, Blue LED Flash, White LED Flash
Accuracy & Resolution	Single-Frame Accuracy：≤ 0.03mm/0.1mm (Near/Far) Resolution：≤ 0.05mm/0.1mm (Far/Far)
Scanning Range	Working Distance：200–1000 mm Minimum Scan Volume：10×10×10 mm Maximum Scan Volume：4000×4000×4000 mm
Scan Speed	Up to 15 fps
CPU	8-core 2.4 GHz CPU + Mali-G52 GPU
Memory/Built-in Storage	32 GB DDR4 / 256 GB eMMC
Battery	6600 mAh
Connectivity	Wi-Fi 6，Bluetooth4.1，Interface：USB-C
Sensors & Interaction	Position Sensor：9-axis IMU Tracking Method：Features/Markers/Global Markers Button：2 Scroll Wheel：1
Volume	200×93×37.5mm
Weight	735g