

LiDAR-Based Spatial 3D Scanner

Hawk



TURNING VIEWS INTO DATA, REALITY INTO VIRTUALITY.

store.3dmakerpro.com



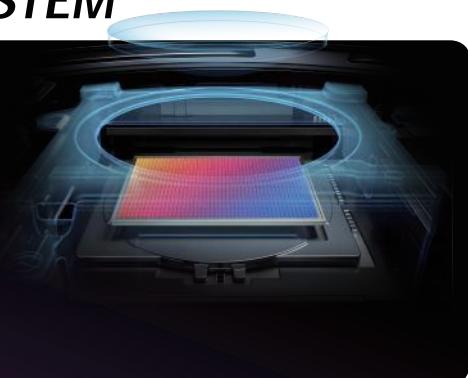
LIDAR UPGRADE

- Improved comprehensive accuracy to 15mm
- Scan angle increased to 63.5 °
- Resolution improvement, 480,000 points per second
Multiple echo technique

UPGRADING THE IMAGING SYSTEM

13MP

- One-inch sensor camera
- NIR visual tracking system
-



AMOLED



3.9 inch

- 3.9 "high-quality AMOLED screen

NEW INDUSTRIAL DESIGN

- The whole machine has a reverse water design and meets the IP65 standard
- All metal casing for better heat dissipation performance



8-CORE 2.4GHZ



8 core

- 8-core 2.4GHz



BATTERY GRIP

12000_{mah}

- 65W fast charging takes 30 minutes to complete 0% ->80%
- Comprehensive endurance of 1 hour





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Performance Parameters:

Hawk

Accuracy	1.5cm 10 meters, 3cm 20 meters, 5cm 40 meters
Scan radius	40 -70 meters(>10% reflectivity or >80% reflectivity)
Scan range	80-140 meters
Scan angle	Horizontal 360°, Vertical 63.5°
Point cloud frequency	480,000 points/second
Laser light source	905 nm
Eye safety level	Class 1 (IEC60825-1:2014) Eye safety
Color texture	13MP 1-inch sensor camera*2
Data interface	Single camera NIR visual tracking system
Network support	USB-TypeC*2
Screen	Wi-Fi 5
Output format	3.9" AMOLED
Built-in battery	3D Color Point Cloud PLY 3D Colored Polygonal Model OBJ 3D Gaussian Splatting PLY
Configuration	12000 mah, supports 1 hour of work, supports external power supply while charging
Volume	8 Cores 2.4GHz 32GB (Supports TF card expansion)
Weight	120*145*85mm
	900g

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