3DMAKERPRO

LiDAR-Based Spatial 3D Scanner

Hawk



TURNING VIEWS INTO DATA, REALITY INTO VIRTUALITY.

store.3dmakerpro.com

LIDAR UPGRADE

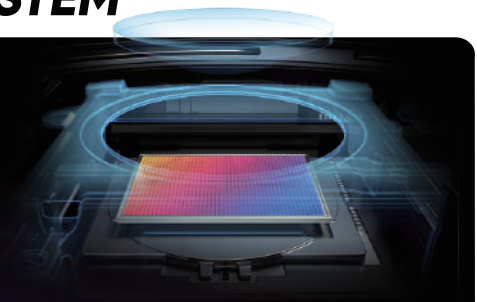


- Improved comprehensive accuracy to 15mm
- Scan angle increased to 63.5 °
- Resolution improvement, 480 ,000 points per second Multiple echo technique

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	1.5 cm 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 Single camera NIR visual tracking system
Data interface	USB-TypeC*2
Network support	Wi-Fi 5
Screen	3.9" AMOLED
Output format	3D Color Point Cloud PLY 3D Gaussian Splatting PLY 3D Colored Polygonal Model OBJ
Built-in battery	12000 mah, supports 1 hour of work, supports external power supply while charging
Configuration	8 Cores 2.4GHz 32GB (Supports TF card expansion)
Volume	120*145*85mm
Weight	900g

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