

Turtle

Swap the module, upgrade the scan



WORLD'S FIRST MODULAR SWAPPABLE 3D SCANNER

store.3dmakerpro.com

Turtle & Module

Turtle consists of two main components: Control Pad and Module. Users can easily and quickly obtain the required 3D digital model by replacing the module scanning component according to their needs.

S Module



Accuracy: **0.01mm**

Resolution: **0.05mm**

Typical object sizes: **10-300mm**

M Module



Accuracy: **0.03mm**

Resolution: **0.07mm**

Typical object sizes: **15-1500mm**

L Module



Accuracy: **0.05mm**

Resolution: **0.10mm**

Typical object sizes: **100-2000mm**

Turtle & Control Pad

The Control Pad is equipped with 16GB of RAM, 256GB of memory, NVIDIA computing chips, and AI computing power to ensure smooth scanning of complex objects and more complete 3D models. The 6-inch 2K AMOLED screen presents the entire process of object 3D scanning clearly.

6.4 Inch 2K AMOLED

16GB+256GB



Magnetic integrated handheld 3D scanner

Magnetic integrated handheld 3D scanner, easy and automatic connection, free from data cable constraints, and can also change lens components according to needs to cope with 3D scanning of different objects.



Multi-scenario application

Turtle achieves multi functionality with one machine, covering various complex 3D scanning scenes and enabling one machine to scan objects of different sizes.

Turtle integrated

Convenient to carry, easy to use, outdoor application, convenient and fast scanning of 3D digital models of items.



Turtle Stretching Style

Convenient to carry, with strong scanning and control capabilities, capable of scanning 3D digital models of complex items from all angles in narrow spaces.



High Performance Mode

High speed scanning of 3D digital models of objects for specific scene applications.





3DMAKERPRO

Turtle

	S Module	M Module	L Module
Accuracy:	0.01mm	0.03mm	0.05mm
Resolution:	0.05mm	0.07mm	0.1mm
Scan range:	160x120mm	240x180mm	600 x 450mm
Work distance:	180-280mm	200-400mm	500-950mm
Light source:	Blue LED	Blue LED	Blue LED
Color texture:	color textures 24bit	color textures 24bit	color textures 24bit
Frame rate:	10fps/30fps PC	10fps/30fps PC	10fps/30fps PC
Typical object sizes:	10-300mm	15-1500mm	100-2000mm
USB interface:	USB Type-C	USB Type-C	USB Type-C
Output format:	OBJ/STL/PLY/ASC	OBJ/STL/PLY/ASC	OBJ/STL/PLY/ASC

Control Pad

Screen:	6.4 Inch 2K AMOLED
VRAM:	16GB
SSD:	256GB
CPU:	2 GHz*8
USB interface:	USB Type-C
Wireless interface:	WiFi5
Battery Capacity:	10000mah

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 @3DMakerProCares
 @official3DMakerpro
 @3DMakerpro
 <https://store.3dmakerpro.com/>
 service@3dmakerpro.com

JimuMeta

 @JimuMeta
 @JimuMeta
 <https://www.jimumeta.com/>
 +1 (657) 999-5524
 service@jimumeta.com

