

Handheld 3D Scanner Handysense





About us

Shenzhen Anet Technology Co., Ltd. was established in 2015 and now has become a leading company of 3D printer. First-class R & D team, quality center, sales center and independent laboratory.

After two years of rapid development, the company currently has about 300 employees, including 2 Ph.Ds, 5 postgraduates, 20 R&D engineers, and top sales team with 40 staffs. This year we invested over 40% revenue in the R&D to meet diversified requirements from market. We released 6 new models in 2017 and more to come in 2018. Quality center adopts strict 100% quality control to ensure the safety and performance of products. Outstanding sales team manage and develop global distribution networks in a well-organized way. To support our clients, we run efficient after-sales service system and after-sales service centers worldwide.

Anet 3D products has been exported to more than 70 countries all over the world; we have overseas warehouses in many countries, such as the United States, Germany, Czech Republic, Russia, etc. And we have registered trademarks in the EU and the United States; obtained international certifications such as CE, FCC, ROSHS, PSE and SAA. Now we are in the course of applying for ISO9001 2015, the protection of high-tech enterprises, patents and intellectual property rights. Join Anet to share the bright future!

Handheld 3D Scanner — Handysense

Overview

Handysense adopts Revopoint's proprietary 3D camera module and embedded AI chip to deliver accurate and fast 3D scan. The compact full metal housing makes it more durable. The housing color is customizable to the customer's needs. This handheld 3D scanner is designed flexible and easy to use with its one-click scan and simple software operation, ideal for product development and prototyping.

Features

- **Cost-effective** – high performance empowered by proprietary technologies
- **Accurate** – single capture accuracy up to 0.1mm
- **Fast** – 3D scan at 10fps and instant data output
- **Small** – weighs only 600g
- **User friendly** – one-click scan & simple software, USB powered scan supported
- **Safe** – invisible infrared light adopted, safe for face and body scanning



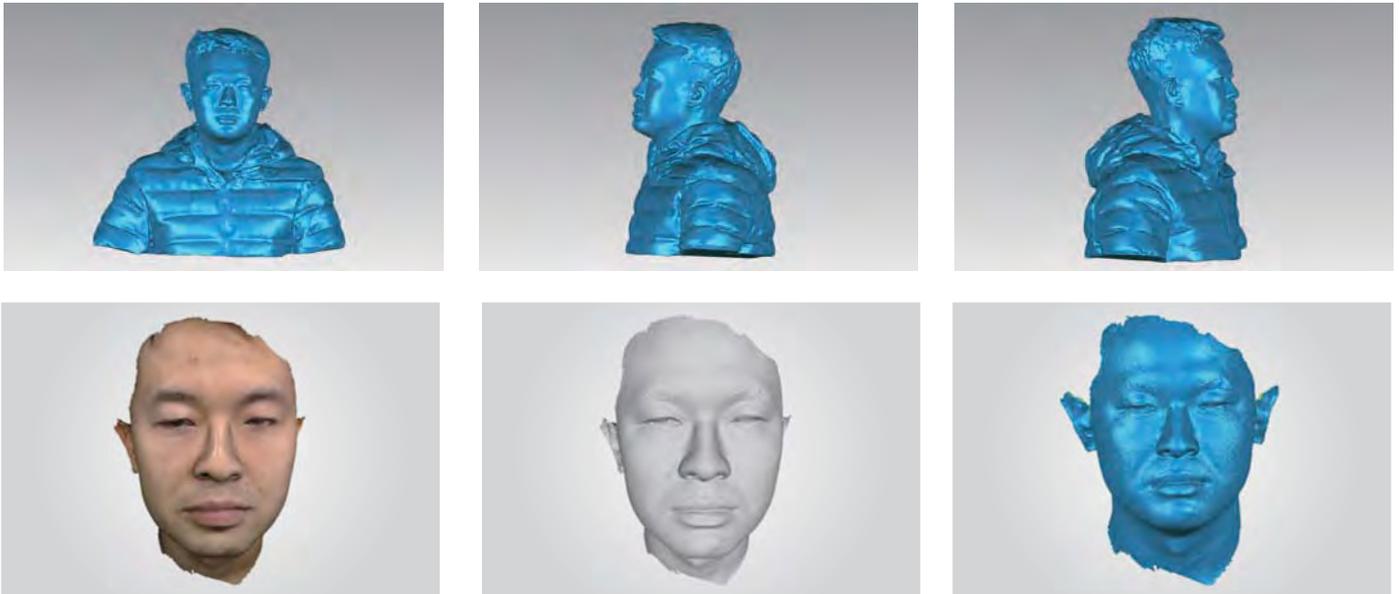
Specifications

Handheld 3D Scanner				
Product model	Handysense		Minimum scan volume	100x100x100 (mm)
Technology	Dual-camera infrared structured light		Dimensions	215x120x33.6 (mm)
Single capture accuracy	Max 0.1mm		Outdoor scanning	Cover is needed to avoid interference of strong light.
Accuracy level	Normal accuracy	high accuracy	Texture scan	Yes
Volumetric accuracy	0.5mm/m	0.3mm/m	Special object scanning	For the transparent and highly reflective objects, please spray powder before scanning.
Single capture range	290x214 (mm)		Scanner weight	≤600g
Working distance	300mm ±50mm		Output format	STL、PLY、OBJ、ASC、3MF
Depth of field	±50mm		Printable data output	Able to export 3D model directly to 3D printing
Scan speed	10fps		Required computer configurations	Windows 10, 64-bit
Laser	Infrared (eye-safe)		Computer config requirements	Recommended config: Graphics card: video memory >2GB; i7-6700 processor; 32GB RAM, high speed USB3.0 Minimum config: Graphics card: video memory>1GB; i5-6400 processor; 16GB RAM; high speed USB3.0
Alignment	Feature alignment (normal accuracy scanning only supports feature alignment), marker alignment			
Note	*The accuracy above is acquired in standard lab environment, which might vary subject to actual operating environment.			

Applications

Body scanning

Invisible and safe infrared light control technique is utilized to scan and reconstruct the face and body.



Cultural artifacts preservation

Collect 3D data of cultural artifacts to help artifact restoration and preservation, and building cultural heritage database.



Art & design

Quickly reconstruct 3D models for art design, applicable to materials such as gypsum, resin, pottery, porcelain, bamboo, stone and metal.



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