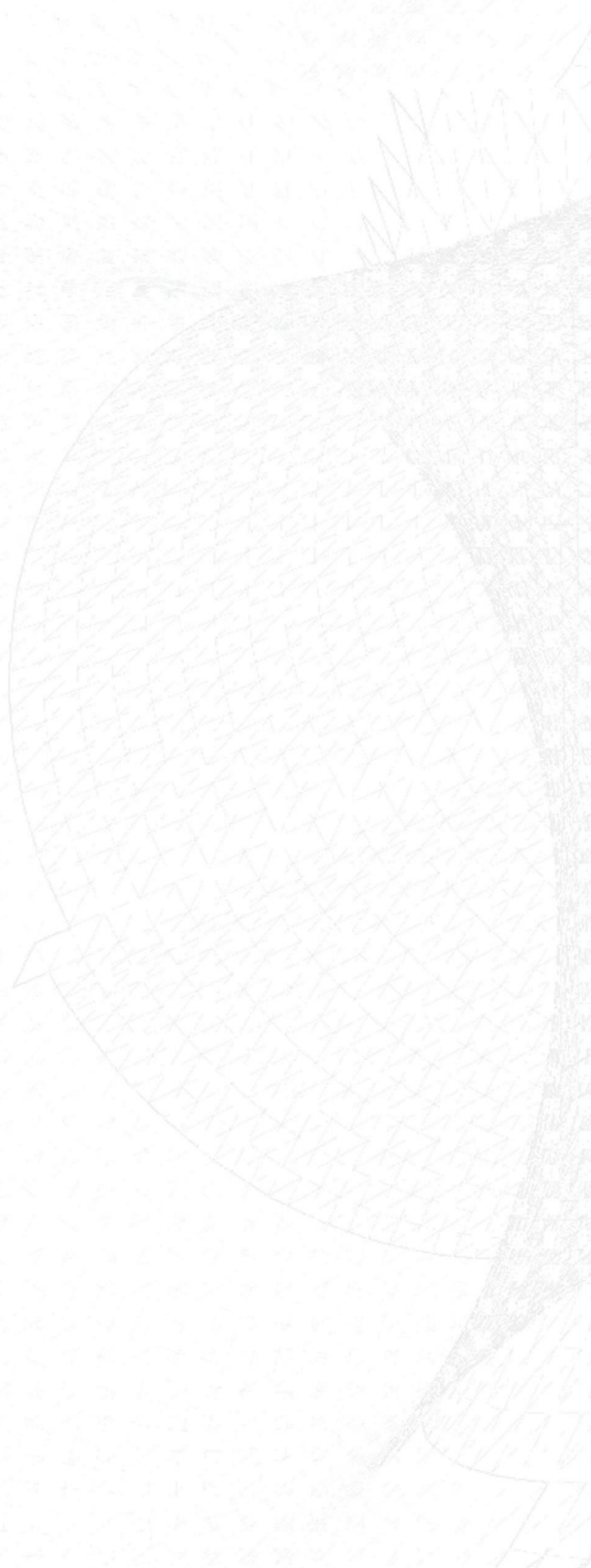Blackbox3D

3D Scanners

Our Company Information

Blackbox 3D Technology Co., Ltd. is an innovative enterprise dedicated to the underlying technology research and development of 3D reconstruction and machine vision.

The company's technical forces come from the Microsoft Research Asia, Zhejiang University CAD (an important national lab), and Zhejiang University Photo-electrics (an important national lab).Owing to the technical group led by a good many doctoral tutors and overseas postdoctoral scholars, the company is capable of developing underlying technology involving algorithm library, drive and chips.

Through continuous innovation, we are committed to the provision of 3D scanning solution featuring powerful performance and optimal experience for corporate users of 3D scanning, 3D data and machine vision.

Array Block Beast Information

Array blocks desktop 3D scanners with high-precision industrial vision sensors and lenses, modular building expandable body design, built-on on demand, with fully automatic dual-axis turntable, one-click for 3D scanning of different sizes and precisions. Ultra-thin turntable, integrated folding body for three seconds, small space occupation, convenient packaging and storage; three working distances for the body to choose from, refreshing, cable management, magnetic installation, plug and play.

Array Block Beast 3D Scanner price

Picture of Product	Model Name	Recommended enduser price per Array Block beast 3D Scanners (excl. VAT)
	Array Block beast mini	$3800
	Array Block beast	$4000
	Array Block beast plus	$4200

Array Block Beast Technical Parameters

Scan Patterns	Turntable Auto Scan	Free Scan
Splicing Mode	Auto Turntable Splicing	Maker Splicing and Manual Splicing
Scan Accuracy	0.05mm	
Volumetric Accuacy	100mm±0.1mm	
Scan Scope (Fixed Scan Mode)	200*150mm on Turntable (Free Scan up to 1000mm)	
Speed of Scan	≤1min for 360° (0.2 sec - 4 sec per scan)	
Color mode	24-bit true color, support texture support texture export and import texture segmentation edit modification Up to 16,000,000 mesh intensity	
Data Format	STL、ASC、OBJ、PLY、VTK、OFF	
Sensor Resolution	130w industrial CMOS	
Coded Transmitter	LED Cool Light (Human eye safety)	
Working Temperature	0°C-40°C	
Equipment size	607x240x214mm	
Weight	1.9kg	
Adapter voltage	DC12V, 5A	
Max load of turntable	5kg	
Recommended configuration	OS：Windows7 64-bit CPU：intel i5 processor RAM： 6G or above GPU：NVIDIA GTX 750 or above	