#000000 非白三维
3D COMPUTER VISION TECH

Formbuilder

HILAND

Hiland 800

- **800W x 2**
- **USB3.1 x 2**
- Full Resolution
- Full Speed Transmission

Global LEADER
**From Zhejiang University CAD
Microsoft Asia Research**

Technical Specifications

Model	Hiland 800
Scanning Mode	Quick scanning, Large area scanning, Deep-hole scanning, Fine scanning
Light Source	26 beam crossed laser lines + 7 fine scanning parallel lines + single laser line
Scanning Accuracy	0.02mm
Scanning Speed	4,880,000 measurements/second
Scanning Range	750mm x 650mm
Scanning Method	Laser scanning (safe laser)
Laser Type	class II（Eye-safe)
Maximum Sampling Points Distance	0.02mm
Resolution	800W x 2
Volume Accuracy	0.020mm±0.012mm/m
Baseline Distance	300 mm
Depth Of Field	800 mm
Transmission Method	USB 3.1×2 dual transmission, further supports USB3.2 Gen2
Photogrammetry	Contains VPG video stream, contactless photogrammetry
Operating Temperature	0℃—40℃（Non-cold temperature)
Output Data	.ply,.obj,.vtk,.stl,.off,.ma,.txt,.asc,.neu,.xyz,.scv,.pn,.pv,.pov and support customized format