Formbuilder



HILAND

Hiland 500

- 5M x 2
- USB3.1 x 2
- Full Resolution
- Full Speed Transmission
- 5 Million resolution CMOS

Global LEADER

From Zhejiang University CAD
Microsoft Asia Research

Technical Specifications

Model	Hiland 500
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	4,660,000 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	5M 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

