

HDI COMPACT L6 3D SCANNER

FOR LARGE FIELD OF VIEW

New Model



The HDI Compact 3D scanners have now expanded to scan a larger field of view with the new L6 model. The system is ideal for scanning big parts with an accuracy of up to 50 microns.

Similar to all the other HDI Compact systems, the L6 is a fully enclosed pre-calibrated unit. It is ready to use right out of the box after installing FlexScan3D scanning software. With a sleek design and portability, take it with you on projects wherever you go.

Model Comparison Chart



L6

C210

C109

C506

LARGE FIELD OF VIEW (mm)

SMALL FIELD OF VIEW (mm)



265 x 225 - 375 x 345

71 x 98 - 100 x 154

68 x 87 - 87 x 88

27 x 45 - 30 x 45

Cameras

2 x 3 megapixel monochrome cameras with 2 x 12mm lenses

Dimension (mm)

55 x 129 x 400

Weight (kg)

2

Scanning Software

FlexScan3D

Scan Speed (milliseconds)

1200 excluding mesh calculations for 16 milliseconds of exposure time

Depth of Field (mm)

300

Field of View (mm)

265 x 225 - 375 x 345

Resolution

Average Points

3 million per scan

Average Polygons

6 million per scan

Point to Point Distance (mm)

0.18

Accuracy

Up to 50 microns (0.0020")

Clearance Distance (mm)

680

Geometry Formats

PLY, OBJ, STL, ASC, FBX, 3D3

Computer Requirements

Windows 7 (64-bit) Operating System. Quad-core Intel 2 GHz CPU or better, 4 GB Memory or greater, 512 MB Video Card. Free disk space 250 GB Hard Drive or more