# Polyga **C506** 3D SCANNER

Ruggedized ✕ Macro

## Easy to Use, High Accuracy 3D Scanning

Convenient and easy to use, this professional 3D scanner is factory calibrated for accuracy to get you 3D scanning in no time. The Polyga Compact 3D scanners are great for any companies, manufacturers, academic institutions, visual effect studios, and research labs that need accurate and reliable 3D scan data for visualization and measurement applications including:

- Reverse engineering
- Computer and robotic vision
- Scientific measurement and documentation
- Quality inspection
- 3D modeling
- Rapid prototyping / 3D printing

The C506 3D Scanner is IP67 rated, dust proof and vibration resistant. It's ideal for inspecting and 3D scanning small objects. It has an incredible accuracy of 12 micron across a 5 cm FOV.

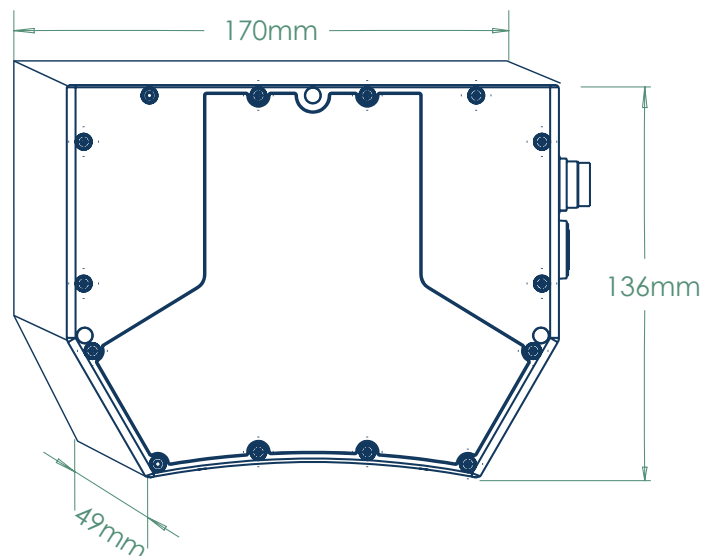C506 for parts:
3 cm to 10 cm in size
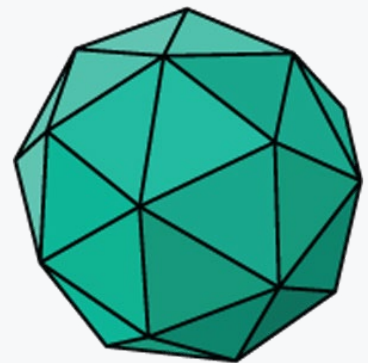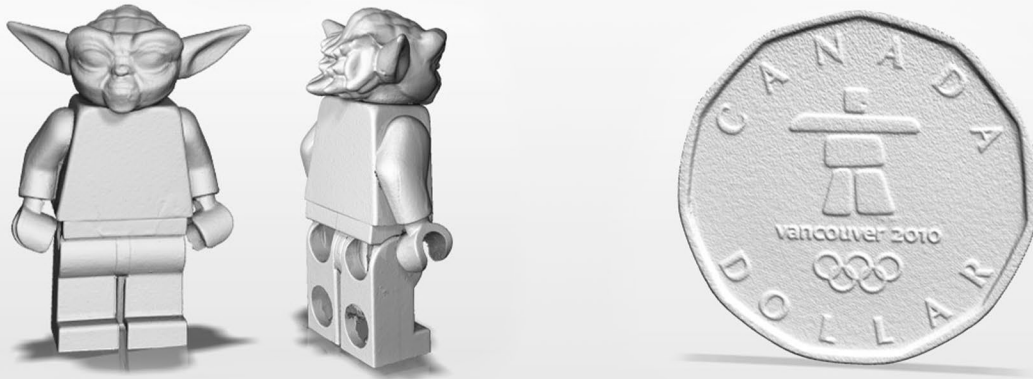
Specifications

Cameras:	2 x 5 megapixel mono
Accuracy:	12 microns
Average Points:	5 Million
Scan Speed:	333 ms
Size:	170mm x 136mm x 49mm

170mm

136mm

49mm

Field of View & Standoff Distance

112.22mm (Far Plane)

100mm (Standoff)

87.22mm (Near Plane)

45mm

45mm

Top View

27mm

29.14mm

30mm

Side View
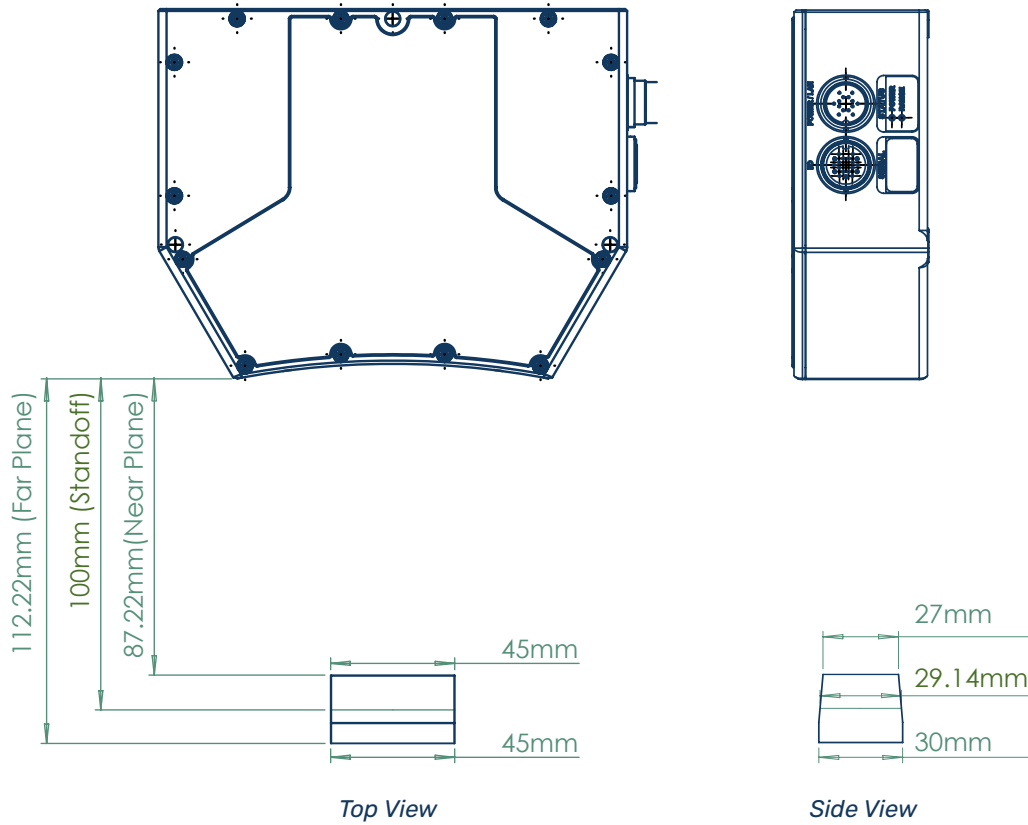
Field of View:	45 x 27 – 45 x 30 mm (55 mm)
Standoff:	100 mm
Point to Point Distance:	0.02 mm
Export Fromats:	PLY, STL, OBJ, ASC
Scanning Software:	FlexScan3D