polyga**V1**
HI-SPEED 3D CAMERA

Accurate ✕ Real Time Scanning

Polyga's Vision V1 is a high resolution, ultra accurate, high-speed 3D camera for industrial computer vision applications. The V1 is packaged in a rugged enclosure that is ready for integration into your 3D vision application.

Accuracy
Provides up to 4.5 million points every second with an accuracy of up to 80 microns.

Color
Captures high quality texture data for critical vision applications.

Factory Calibrated
High quality industrial calibration methods for the most accurate results.

High-Speed Cameras
Captures high quality data with frame rate of 15 FPS.

Easy Integration
Connect to your computer easily over USB 3.0.

Ready To Use
Comes with FlexScan3D(GUI) and a C/C++ SDK.

✉ contact@polyga.com   🌐 www.polyga.com
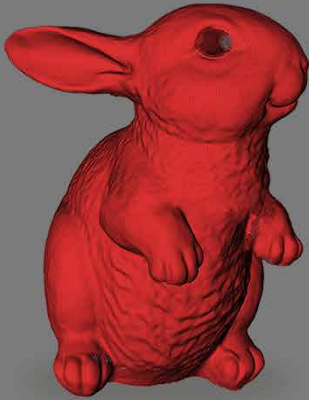
Bunny Figurine
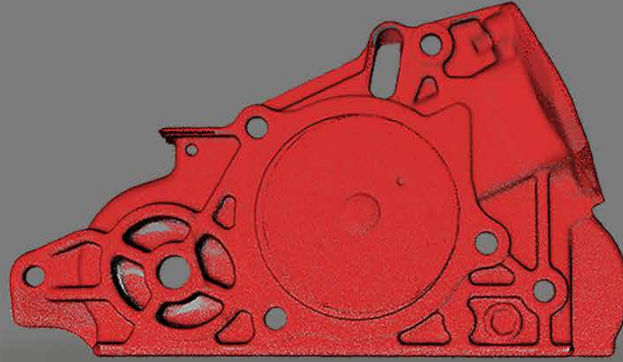
Mechanical Item

Skull

Specifications

Cameras:	2 x 700 FPS, monochrome or color option
Data Acquisition Speed (points per second)	Up to 4.5 million
Max FPS:	15
Size (mm):	58 x 270 x 160
Scanning Software:	FlexScan3D or SBSDK C/C++ SDK

270mm

58mm

160mm

Polyga
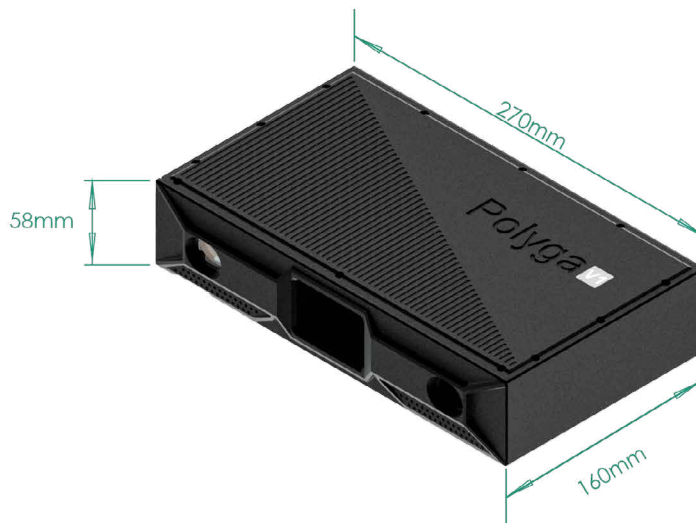
Specifications

V1 - Field of View & Standoff Distance

333 mm

428mm

400mm 500mm 600mm

230mm
330mm

Top View

Side View
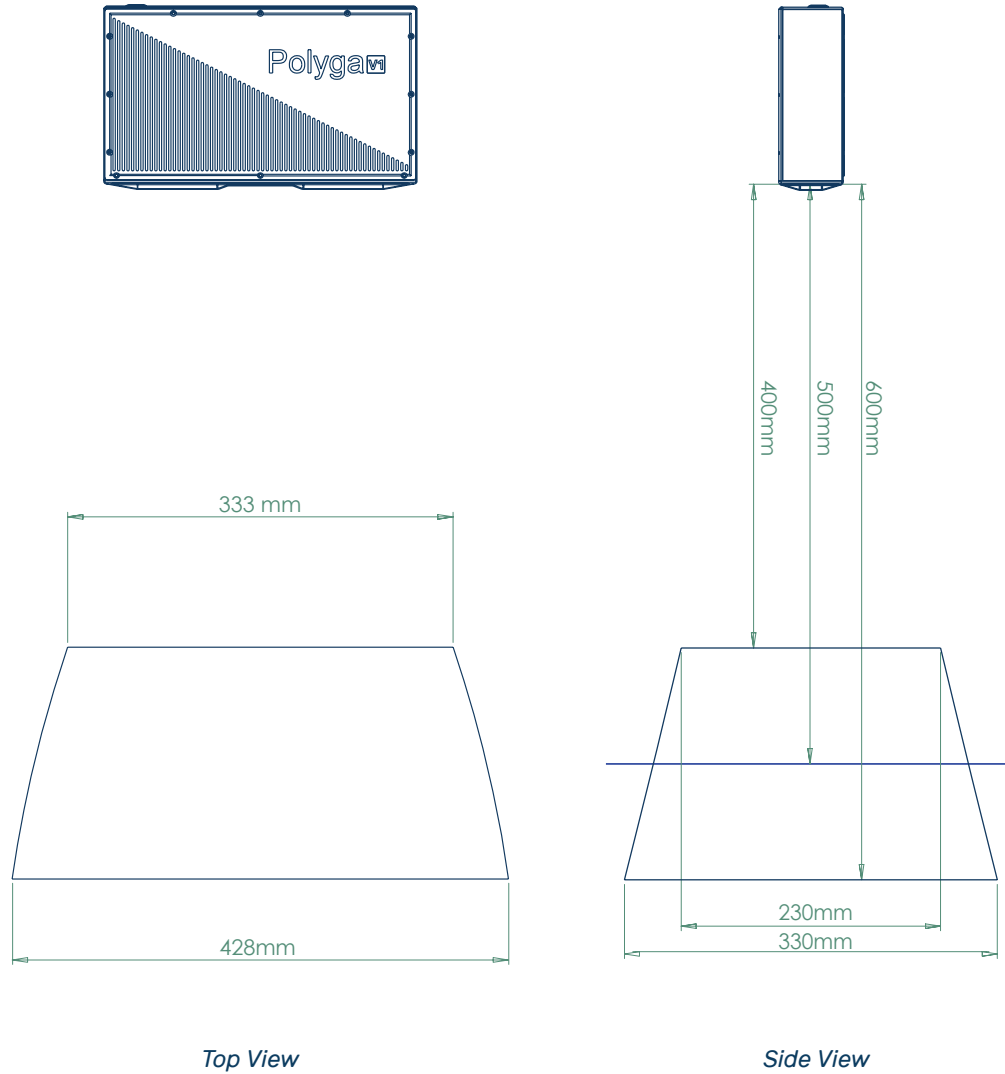
Field of View:	333 x 230 – 428 x 330 mm
Point to Point Distance:	0.6 mm or better
Accuracy:	80 microns
Standoff:	500mm