

COMPACT S1 PRO



polyga

✉ contact@polyga.com

🌐 www.polyga.com



Polyga S1 PRO SCANNER

Faster X Powerful

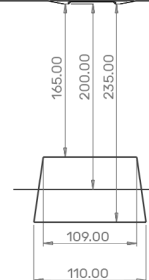
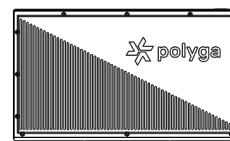
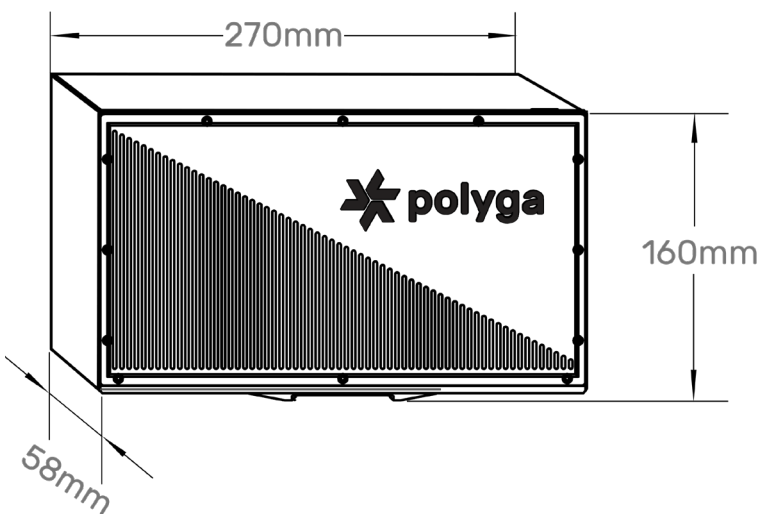
Affordable Industrial Grade 3D Scanner.

Convenient and easy to use, this professional 3D scanner is factory calibrated for accuracy to get you 3D scanning in no time.

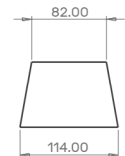
The Polyga Compact 3D scanners are great for any companies, manufacturers, academic institutions, visual effect studios, and research labs that need accurate and reliable 3D scan data.

Applications

- Reverse Engineering
- Computer & Robotic Vision
- Scientific Measurement & Documentation
- Quality Inspection
- 3D Modeling
- Rapid Prototyping
- 3D Printing



Top View



Side View



5-003002-5
Copyright © Polyga Inc.

✉ contact@polyga.com

🌐 www.polyga.com

Technical Specs

DIMENSIONS	Product dimensions	W = 270 mm H = 58 mm L = 160 mm
ACCURACY & RESOLUTION	Accuracy	30µm
	Point to point distance	0.048mm
	3D resolution, up to	Up to 5 million
FIELD OF VIEW	Standoff	165mm - 235mm
	Minimum field of view, D / H × W @ mid plane	165mm standoff 136mm / 82mm x 109mm
	Maximum field of view, D / H × W @ mid plane	235mm standoff 158mm / 114mm x 110mm
SCAN SPEED	3D reconstruction rate for real-time	250 ms
TEXTURE	Texture capture support	Yes
	Texture resolution	5.0 Megapixel
	Colors	Yes
	Photo texture support	Yes
PROJECTOR & CAMERA	Light projector	LED projector
	Capture camera	2 x 5.0 Megapixel Cameras
CONNECTIVITY	Input / Output	USB 3.0
COMPUTER REQUIREMENTS	Support OS	Windows 10, 11 x 64. Not compatible with Netbooks or Macintosh computers.
	Minimum computer requirements	Any Intel Core or AMD Ryzen CPU with 16+ GB of RAM
		Dedicated DirectX 9.0c compatible GPU
FREE DISK SPACE	Recommended free disk space	1TB or more; 7200 rpm
	Minimum free disk space	50 GB or more
OUTPUT FORMATS	3D mesh	3D3, ASC, OBJ, PLY, STL, FBX
POWER SOURCE	Power source	12V = 10A AC/DC Power



S1 PRO WIDE



polyga

✉ contact@polyga.com

🌐 www.polyga.com



Polyga S1 PRO WIDE

Faster X Powerful

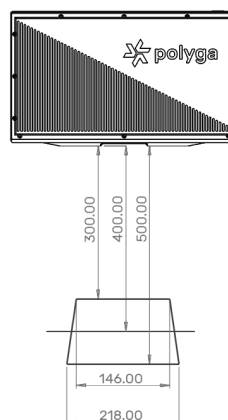
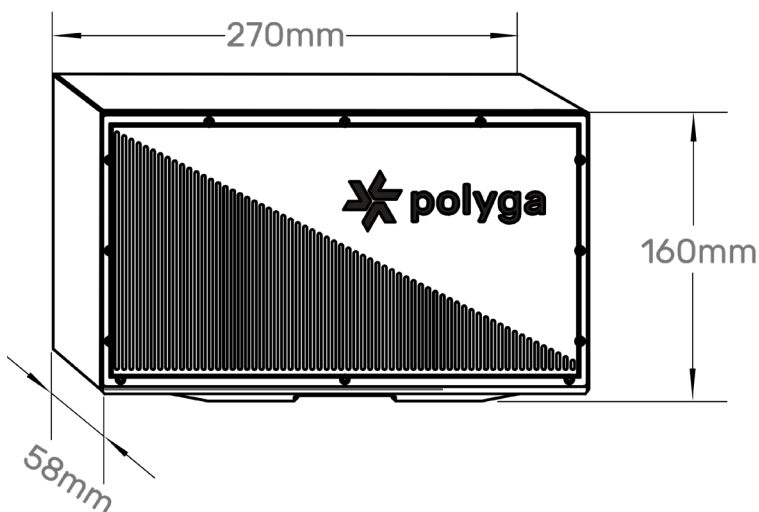
Affordable Industrial Grade 3D Scanner.

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.

Applications

- Reverse Engineering
- Computer & Robotic Vision
- Scientific Measurement & Documentation
- Quality Inspection
- 3D Modeling
- Rapid Prototyping
- 3D Printing



Top View



Side View



5-003002-5
Copyright © Polyga Inc.

✉ contact@polyga.com

🌐 www.polyga.com

Technical Specs

DIMENSIONS	Product dimensions	W = 270 mm H = 58 mm L = 160 mm
ACCURACY & RESOLUTION	Accuracy	35µm
	Point to point distance	0.093mm
	3D resolution, up to	Up to 5 million
FIELD OF VIEW	Standoff	300mm - 500mm
	Minimum field of view, D / H × W @ mid plane	300mm standoff 199mm / 136mm x 146mm
	Maximum field of view, D / H × W @ mid plane	500mm standoff 304mm / 212mm x 218mm
SCAN SPEED	3D reconstruction rate for real-time	250 ms
TEXTURE	Texture capture support	Yes
	Texture resolution	5.0 Megapixel
	Colors	Yes
	Photo texture support	Yes
PROJECTOR & CAMERA	Light projector	LED projector
	Capture camera	2 x 5.0 Megapixel Cameras
CONNECTIVITY	Input / Output	USB 3.0
COMPUTER REQUIREMENTS	Support OS	Windows 10, 11 x 64. Not compatible with Netbooks or Macintosh computers.
	Minimum computer requirements	Any Intel Core or AMD Ryzen CPU with 16+ GB of RAM
		Dedicated DirectX 9.0c compatible GPU
FREE DISK SPACE	Recommended free disk space	1TB or more; 7200 rpm
	Minimum free disk space	50 GB or more
OUTPUT FORMATS	3D mesh	3D3, ASC, OBJ, PLY, STL, FBX
POWER SOURCE	Power source	12V = 10A AC/DC Power

