

Technical Specification

Method	Optical Structured Light Technology
Resolution	2MP / 5MP (Twin Camera)
Scan Area Size	100, 300, 500 mm (2MP) / 100, 300, 600 mm (5MP)
Point Spacing	0.05, 0.15, 0.25 mm (2MP) / 0.03, 0.09, 0.18 mm (5MP)
Working Distance	450 mm
Automatic Platform	Automatic 2-axis with SSS Technology (360° rotation / -5° to 90° arm)
Dimension	280 x 175 x 65 mm (sensor) / 820 x 520 x 220 mm (platform)
Weight	2.7kg (sensor) / 24kg (platform)
Data Output	Open STL (polygon mesh), OBJ, ASC
Power	110~240V, 50~60Hz
Interface	USB 3.0
O/S	Windows 7, 8.1, 10 (64bit)

VYLO



HYBRID

RAPTOR 3DX

New Concept Automatic 3D Scanning with SSS Technology

Hybrid Optical 3D Scanner

Raptor3DX is a hybrid type optical scanner, enabling both the automatic and stationary modes for users. The compact, detachable scanning sensor acts as a powerful sensor engine when as automatic mode; a flexible scanner itself when used as stationary mode, providing three FOV in one.

Automatic Mode

Proprietary Stable Scan Stage (SSS) Technology

- ▶ No need for separate fixture to hold your scanning objects
- ▶ Scanner sensor moving method lets your objects to be stable while scanning
- ▶ Intelligent Auto View Sync

Fully Automated Scanning Process

- ▶ One-touch automatic scanning process
- ▶ 360 degrees rotation axis, -5 to 90 degrees arm axis



Stationary Type

- ▶ Scanner module can be mounted on the stationary tripod for manual usage
- ▶ Ideal for scanning larger objects



Raptor3DX Highlight

- ▶ Hybrid type = automatic mode + stationary mode
- ▶ Supports three field of view (FOV) in a single unit
- ▶ Compact, high-mobility, yet durable design
- ▶ Cooling Mode keeps the scanner at its most stable and energy conserving state
- ▶ ECO-Mode saves energy and keeps the system at an optimal level

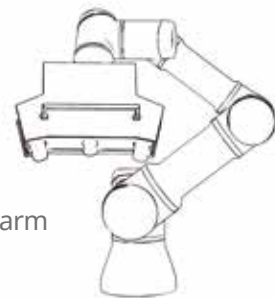
Scanning Sensor

- ▶ With the use of high-end dual cameras, even the smallest details can be captured with reliable accuracy
- ▶ Optical Structured Light Technology
- ▶ Auto adaptive exposure level helps you find the optimal camera exposure level for best result



Seamless Integration with Robotic Arm

- ▶ Raptor3DX sensor can be mounted to a robotic arm for broader application



3DX Scanning Software

- ▶ Reliable 64-bit scanning software, with proprietary algorithm obtains exceptional scan data
- ▶ Easy step-by-step user interface, low learning curve, suitable even for inexperienced users
- ▶ Recovery mode always protects all your scan project and data from computer crash and power outage.
- ▶ Texture Scanning (OBJ format)

