ZOOMAGE® 3D

Object Rotate Scanner
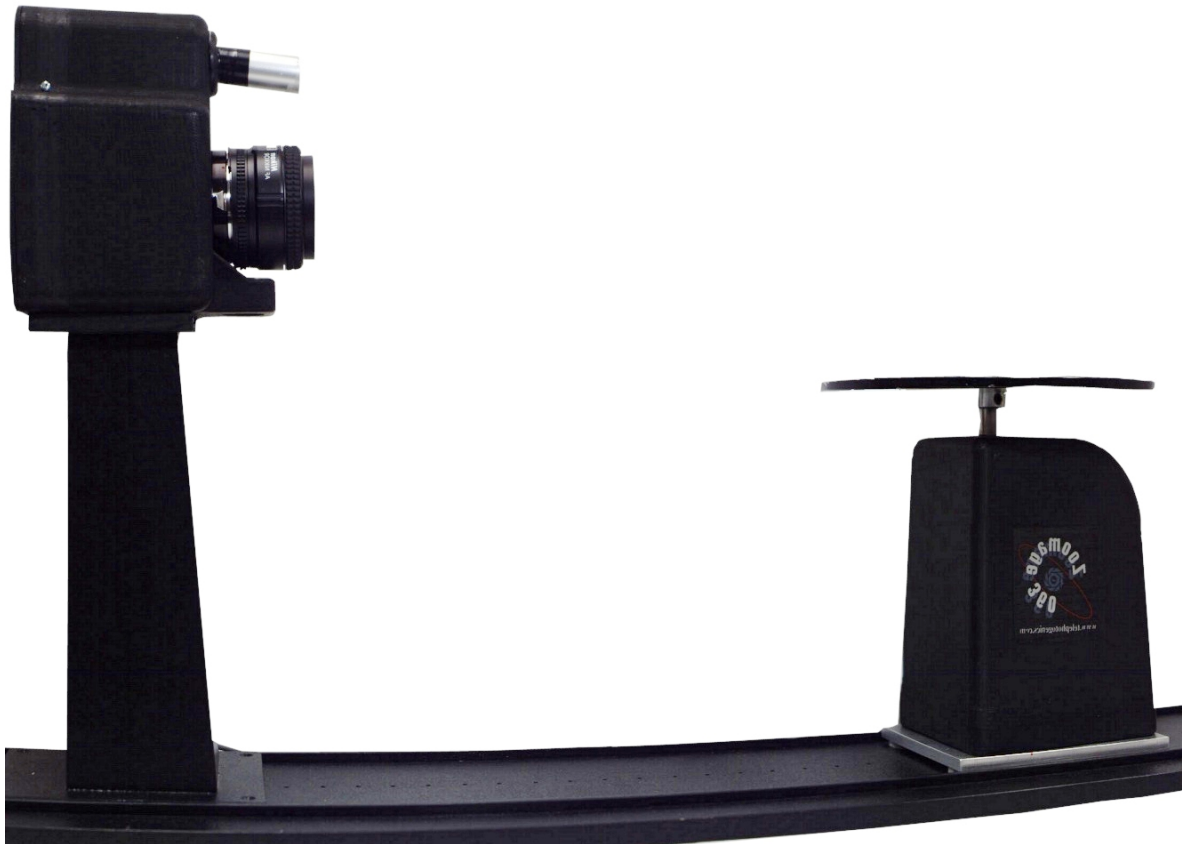
Description:

The Object rotate scanner is one of the original Zoomage3D scanners from Zoomage Inc. The design and easy setup of this scanner have stood the test of time. It features a fixed scanner head and an object turntable. The turntable rotates the object to be scanned while the scanner head captures the texture and 3D data. This scanner is suitable for scanning medium sized objects (6 to 18 inches in height).

Examples of scanned objects:
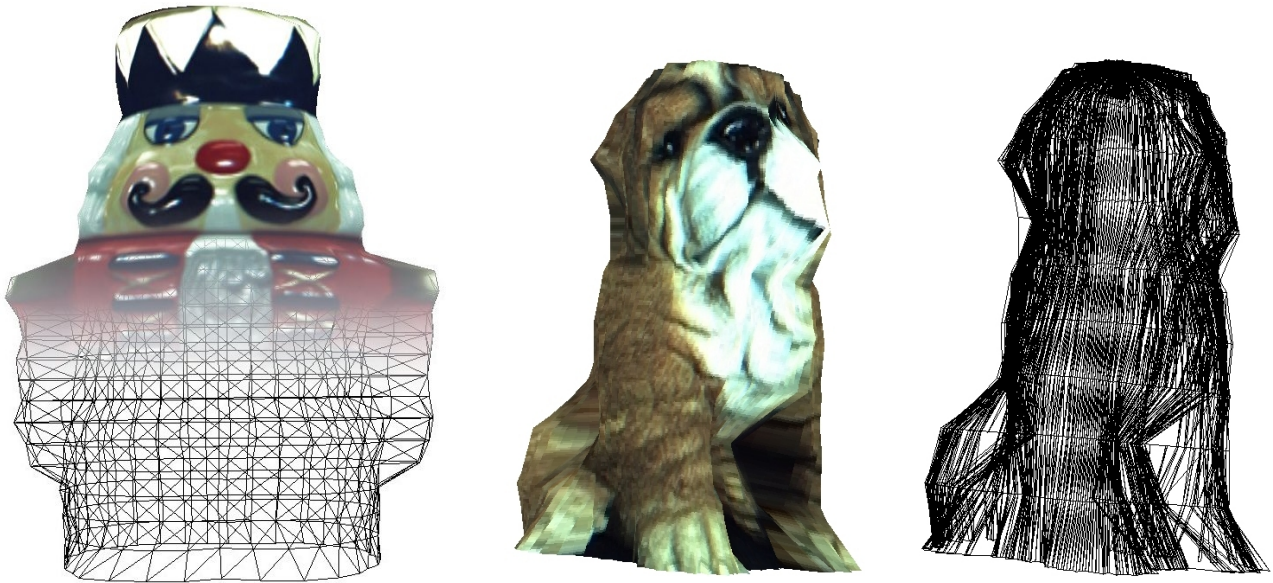
Applications:

o Take quality 3D scans of products for online advertising and sales; scan an object and display online for customers to see details of the item in 3D before purchasing.
o Create a digital record and archive of rare items. Publish the archive on the Internet for an interactive online 3D museum.
o Use scanned objects for non-contact inspection and manipulation.
o Add captured objects to 3D environments to create realistic settings for movies, gaming, or virtual reality applications.

Specification:

Scanning Mode	Object Rotates while being captured by a stationary scanner head
Image Sensors	High Resolution 3 Line CCD (RGB)
Dimensions	Scanner Head & Tower: 16-25 inches (adjustable height), Object turntable 7 inches (height), Sliding Platform 8 inches (width) 42 inches (length)
Weight	Total Weight: 6 kg
Field of View	Up to 360 degrees
Texture Resolution	Up to 5300 pixels (vertical) x 10,000 pixels (horizontal), Resulting in over 50 mega-pixels for a full 360 degrees scan
Wireframe	Up to 10,000 x 30 polygons for a full 360 degrees scan for a 31 laser-lines model. Number of Laser lines can be increased on special order. Output format is a Zoomage file, and a conversion tool to Wavefront's .obj format is available
Speed	Varies depending on resolution and shutter value. A typical 360 degree scan of 6.6 mega-pixels will take approximately 125 seconds. Custom faster (lower resolution) scanner is available.
Power	12VDC Adapter: 110 volts/ 60 Hz (included) 12VDC Battery pack available.
Focal Length	50mm. (can be customized for different focal length)
Supported Platform	Windows 98/ME/2000/XP
Communication Interface	USB 2.0
Software	Image capture & web display software included
Highlights	Design Customization available. 24-bits true color

Specifications may change without notice.

All Zoomage scanners and cameras can be customized to suit the customer; if none of our products are relevant to your application Zoomage will create a scanner or camera for you.

ZOOMAGE