

Artec Ray [3D LiDAR Scanner](#)

High accuracy long-range laser 3D scanner, ideal for precise capture of large objects.

The fastest and most accurate long-range 3D scanner with laser technology for precise capture of large objects such as wind turbines, ship propellers, airplanes and buildings. Producing 3D scans of the highest quality, Artec Ray scans with submillimeter distance precision and best in class angular accuracy. As a result, data capture is noticeably cleaner than that from other 3D laser scanners, with noise levels at an absolute minimum. This speeds up data processing significantly, making it a hassle free job.

Scan up to 110m away with this professional LIDAR solution.



SCANNING WITH ARTEC RAY IS EASY

Just place it on a tripod in front of your object and press the button! Portable and compact, you can set it up indoors or outdoors, without need for a power source, since the internal battery will last you for up to 4 hours.



Ultra-high precision, fast laser 3D scanner with submillimeter precision to ensure you capture every detail



Cleanest 3D data capture for minimum post-processing time



Ideal for reverse engineering, inspection and construction. Scan large objects both indoors and outdoors!



Easy 3D scanning

Lightweight and user-friendly, Artec Ray was especially designed to ensure you get the most out of this powerful 3D laser scanner, whether it is getting the 3D measurements for quality control of a large industrial object or creating an accurate 3D model for heritage preservation. With no need for any lengthy preparations, you can 3D scan almost anything by simply mounting your Artec Ray on a tripod in front of your object and pressing a button!



Perfect long-range 3D scanner

Capture complex constructions such as warehouses, factories, airports, and apartment buildings to get precise and clean 3D data about the building, such as its size, structure, facade, and more. Thanks to Ray's extreme accuracy and cleanliness of data, you don't need to spend much time on processing. Put the scanned material to work right away!



Best-in-class industrial laser scanner

A large working facility, an airplane, an oil rig, or even an outdoor space — whatever industrial object or scene you need to scan, Ray has you covered. Versatile and portable, this industrial 3D scanner is perfect for digitizing and measuring large structures with metrology-grade accuracy at any time and place — day or night, indoors or outdoors.



LiDAR 3D scanner for exact 3D measurements

Thanks to built-in LiDAR 3D scanning technology, Artec Ray allows you to capture precise long-range 3D measurements of complex objects and shapes from up to 110-meters.

Artec Ray technical specs:

Range	Up to 110 m
Ranging error	<0.7 mm @ 15 m
Angular accuracy	25 arcseconds
Range Noise, 90% reflectivity	0.12 mm @ 15 m
Range Noise, 10% reflectivity	0.3 mm @ 15 m
Color	Two fully integrated 5 megapixel cameras
Weight	Under 5 kg

