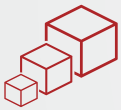# RangeVision **PRO**
Industrial 3D scanner

RangeVision **PRO** is a professional 3D optical scanner designed for scanning complex technical objects. It is ideal for reverse engineering, quality control, inspection and industrial design. High detalization and precision of 3D models are provided by high-resolution cameras, a LED projection module, structured blue light technology and unique data processing algorithms.

Get new opportunities

Wide range of applications
Due to variable scanning areas, the scanner digitizes objects from 1 cm up to 5 meters in size

Metrology-grade measurements
RV PRO scans objects with excellent accuracy up to 0.018 mm and extremely high 3D resolution up to 0.04 mm

Adapted for working in a manufacturing facility
The scanner provides consistently high-quality models in different light conditions. It notifies the user of negative factors for scanning

Excellent price - performance ratio
Get an affordable price for the professional solution meeting your challenges

Applications

Industrial design & car tuning

Quality control & inspection

Reverse engineering

Jewelry

Souvenirs

Furniture & decor

From 1 cm up to 5 m
Object size

Specifications

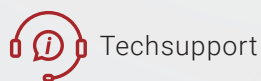| Model				PRO		
Scanning technology				structured light		
Cameras resolution				6MP		
FOV				L	M	S
Working distance, m				0.9	0.52	0.35
FOV size, mm				550x340x360	320x210x200	140x90x80
3D-resolution, mm				0.18	0.10	0.04
Accuracy, mm				0.06	0.03	0.018

Software

ScanCenter NG software comes with a scanner and allows you to get a finished 3D model of high quality for further work in all popular CAD/CAM programs and virtual 3D modeling environments. Updates of the software are free of charge.

Package contents

▶ Scanning module with cameras and LED projector
▶ Interchangeable optics for each scan zone
▶ Automatic turntable up to 60 kg load capacity
▶ Set of carbon calibration plates
▶ Powerful mini-PC
▶ Set of cables
▶ Tripod
▶ Software with digital license key
▶ Set of self-adhesive markers
▶ Plastic case with a foam tray for storage and transportation

Techsupport   Free software updates

RANGEvision