



RangeVision Spectrum

3D scanner for universal use

RangeVision **Spectrum** is a universal high-resolution optical 3D scanner based on the safe-to-use structured light technology. It is great for reverse engineering, industrial design, education and science. The scanner has three fields of view, 3MP color industrial cameras and a LED projection module. It is equipped with an automatic turntable and a protective travel case.

Your spectrum of possibilities



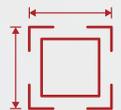
Wide range of applications

Due to variable scanning zones, RV Spectrum digitizes objects from 1 cm up to 3 meters in size



Textured and high-resolution 3D models

The scanner produces 3D data of highest quality, capturing colour texture and small detail with resolution up to 0.06 mm and accuracy up to 0.04 mm



Portable and compact

Low weight and small size make it easy and quick to transport and assemble the scanner



Excellent value for money

Get a universal instrument for a reasonable price

Applications



Reverse engineering



Education & science



Industrial design
& car tuning



Quality control



Heritage preservation



Animation



Small details



Complex geometry



Large objects

Specifications

Scanning technology	structured light		
Cameras resolution	3MP		
FOV	L (1)	M (2)	S (3)
Working distance, m	1	0.6	0.3
FOV size, mm	520x400x400	320x250x220	135x100x100
3D-resolution, mm	0.25	0.15	0.06
Accuracy, mm	0.12	0.06	0.04

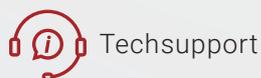
Software

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
- ▶ Automatic turntable up to 20 kg load capacity
- ▶ Set of cables
- ▶ Tripod
- ▶ RangeVision Software with digital license key
- ▶ Set of self-adhesive markers
- ▶ Set of calibration plates
- ▶ Protective travel case



Techsupport



Free software updates

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