



## 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



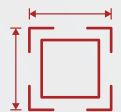
### Wide range of applications

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



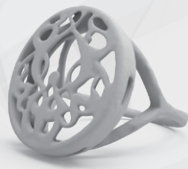
Quality control



Heritage preservation



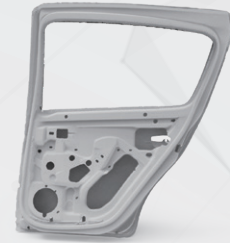
Animation



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

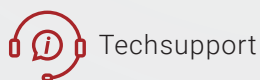
## Software

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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