Spectrum technical specification

Light-source type	white-light DLP		
Number and type of cameras	2 x 3.1 Mpix		
Camera matrix size	1/2"		
Scanning 3D point accuracy	from 0.04 mm		
Texture	Yes (included)		
Scan speed	12 seconds per 1 scan		
(FOV) Field of view, mm	(1) Large 520 x 390 x 390 mm	(2) Medium 280 x 210 x 210 mm	(3) Small 133 x 100 x 100 mm
Recommended object size	0.6 - 3 m	0.3 - 1 m	0.01 - 0.4 m
3D point accuracy, mm	0.12	0.06	0.04
3D resolution, mm	0.26	0.17	0.072
Working distance	1 m	0.6 m	0.3 m
Points density	16 pt/mm2	54 pt/mm2	236 pt/mm2
Align modes	by markers, by geometry of the object, on the automatic turntable		
Export formats	stl, ply, obj, asc		
Software	RangeVision ScanCenter (included)		
Automatic turntable	Yes (included)		

Turntable specification

Size	180 x 125 x 60 mm
Weight	0.5 kg
Platform diameter	125 mm
Max load	5 kg
Step	1 degree
Power supply	5V USB

Size

Scanner	255 x 455 x 100 mm
Case	515 x 415 x 200 mm

Weight

Scanner	1.65 kg
Full package in case	10 kg

Operation

Outdoor operation	Yes
Working temperature	from +5°C to +30°C
Storage temperature	from +5°C to +30°C

Hardware

Computer connection	2 x USB 2.0, HDMI,. USB 2.0 for turntable
Minimum hardware requirements	Windows 7, 64bit 4 GB RAM, CPU i3/i5 1.8 GHz, 3 USB ports, video card with dual monitor support
AC input	220 V, 50/60 Hz
Power consumption	65W