







## KEY 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

Export formats

OBJ, PLY, WRL, STL, AOP, ASCII, Disney PTEX,  
E57, XYZRGB, BTX, PTX, CSV, DXF, XML

## SYSTEM SPECIFICATIONS

Scanner Type	Phase Shift, Hemispherical Scanner with 360° x 270° field of view
Distance Measurement Method	Phase-shift
Laser Wavelength	1550 nm
Laser Type	Continuous Wave
Laser Class: (IEC EN60825-1:2007)	Class 1
Internal Coordinate Representation Unit	0.001 mm

### Angular position data

Beam diameter at Aperture	3 mm
Internal Angular Representation Unit (vertical / horizontal)	1 arcsec

### Scan density control: software selectable

Min. Vertical Point Density	12 points/degree
Min. Horizontal Point Density	2 points/degree
Max Vertical Point Density	80 points/degree
Max Horizontal Point Density	80 points/degree

### Physical dimensions and weight

Weight with battery	5.74 kg
Dimensions L x H x W	287 mm x 200 mm x 118 mm

### Power specifications

External power supply voltage	14 - 24V DC, 30 W
Internal battery power supply	Two Li-Ion 14V, 49Wh batteries, powers the scanner for up to 4 hours.
Power consumption	30 W

### Computer requirements

Supported OS	Windows 7, 8 or 10 – x64
Minimum computer requirements	i5 or i7 recommended, 32 Gb RAM, NVIDIA GeForce 400 series