

## PERFORMANCE

Range	1.6 - 300 m, 100% reflectivity (on white)	
Field of view	Horizontal	360° (full panoramic)
	Vertical	90° (-25° to +65°)
Scan rate	Up to 60.000 points/s	
Laser beam divergence	0.076° x 0.029°	
Grid spacing	39 mm x 39 mm @ 100 m	
Angular resolution	1.35' (O) x 1.35' (V) (at max resolution)	
Range accuracy	< 5 mm @ 50 m - (1 sigma)	

## SYSTEM

Scanning optics	Vertical: rotating mirror Horizontal: rotating base	
Laser class	Class 1M (IEC 60825-1)	
Laser wavelength	905 nm (invisible)	
Dual-axis compensator	Accuracy 0.08°, Range +/- 20°	
Integrated camera	High quality, no distortion	
Resolution	192 Mpixel over 360°	
Data storage	32Gb integrated memory	
Data transfer	Wi-Fi, USB, Ethernet	
Scanner control	Dedicated Wi-Fi web interface for smartphone/tablet (Android, iOS e Windows Mobile)	

## PHYSICAL SPECIFICATION

Scanner	Size (D x W x H)	215 mm x 170 mm x 430 mm
	Weight	6.15 kg (without battery)
Battery	Size (D x W x H)	42 mm x 165 mm x 120 mm
	Weight	0,85 Kg
AC Power Supply	Size (D x W x H)	147 mm x 63 mm x 38 mm
	Weight	200 g

## ELECTRICAL SPECIFICATION

Power supply	12 V (battery or external power)
Power consumption	40 W (average consumption)
Battery type	Li-ion (2 batteries supplied)
Working time	> 3 hours each

## PHYSICAL SPECIFICATION

Operating temperature	-10°C to +50°C / 14°F to 122°F
Storage temperature	-25°C to +80°C / -13°F to 176°F
Humidity	Non-condensing
Waterproof/Dustproof	IP65