SPECIFICATION

Model	Number of Scanner	Scanner Mode	Laser Channel	Scan Rate	FOV	Relative Accuracy	Weight (handheld)	Battery Endurance	Realtime Display
VS100	1	non-rotatable	32	650,000 pts/sec	360° x 45°	0.7-2 cm (best @ 50 m)	0.9 kg	5 hrs (with 2 battery, hot swappable)	inbuilt touch screen
DS100	2	non-rotatable	32	1,300,000 pts/sec	360° x 360°	0.7-2 cm (best @ 50 m)	1.6 kg	4 hrs (with 2 battery, hot swappable)	inbuilt touch screen
RS100S	1	rotatable	16	320,000 pts/sec	360° x 285°	up to 1 cm	1.6 kg	4 hrs (with 2 battery, hot swappable)	smartphone APP

Model	Scan Range	Laser Type	Material	Data Storage	Data Process	Operating Temperature	Ingress Protection Rating
VS100	max. 120 m	Class 1 (IEC 60825-1:2014)	aviation-grade aluminum alloy, protective, weather-proof and anti-interference	inbuilt SSD 500 GB (for all models); RS100S supports extendable memory (SD card 128 GB as default)	RTD (for VS/DS); RTD + post process (for RS)	-40 ~ +60 ℃	IP 45
DS100							
RS100S							

standard handheld modes

on foot, regular   by bicycle, faster   by motorbike, efficient

other extended modes

backpack   UAV-based   SUV-based