e-survey

eScan M1

Anywhere You Go

The combination of zero-processing algorithms and anti-fuzzy technology balances speed and accuracy.

Industry-leading portability, breaking through the traditional device bulky limitations.

With "high efficiency, precision, lightweight and openness" as the core, it provides users with a full-process optimization experience from data collection to application landing.

LiDAR

Real Time Data

Zero processing after scanning, point cloud exported for immediate use.

True Natural Colored

Industrial-grade cameras equipped with advanced shutter technology eliminate motion blur.

Modular Design

The Type-C port supports the expansion of external devices such as panoramic cameras and RTKs.

Lightweight and Easy to Use

Weighing only 560g, the simple operation interface makes it quick to master the use of the device.

Website   Social media

Product Specification

eScan M1

HANDHELD LIDAR SCANNER

	Standard
Range	40 m @ 10% reflectivity, 70 m @ 80% reflectivity
LiDAR channels	40
Points per second	200000
FOV	360°X59°
Laser product classification	Level 1
Laser wavelength	905nm

Relative accuracy	2cm
Absolute accuracy	3~5cm
Point cloud thickness	1cm（no filter）
Data format	LAS, LAZ
Resolution	Dual Fisheye 5 Megapixel
camera lens	Global Shutter Camera

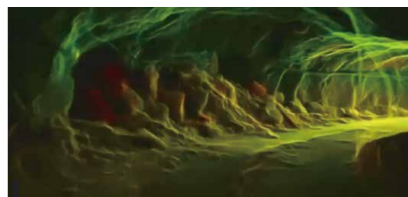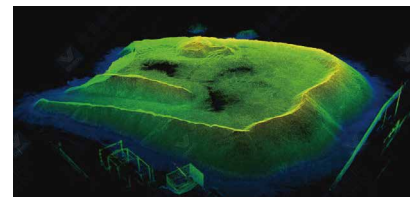|	
Dimensions（Main Unit	115 mm X 110 mm X 83 mm
battery capacity	5000mAh
Working time	1.5h
Storage	512G
Weight（no Better）	560 g
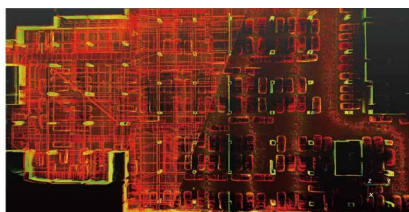
Garage

Garden
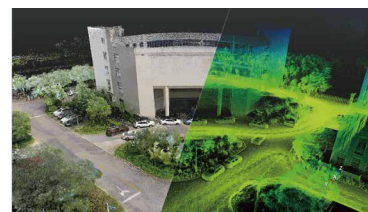
Architecture

Mine tunnel

Forestry

Volume calcuation

Note:The sample point cloud data displayed in datasheet are acquired by eHLS2 Standard version with 32 LiDAR channels.

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