

EasyScanner



Product Introduction

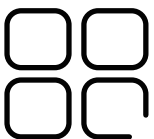
EasyScanner can acquire and process 3D point cloud in real time through a high-performance LiDAR sensor. It can achieve great performance for both indoor and outdoor use without GNSS receivers. Powered by leading SLAM algorithm, EasyScanner can also capture, process and display accurate point cloud on the mobile terminal in real time. The hot-swappable dual battery system enables EasyScanner to run continuously.



Function



EasyScanner can color the point cloud with an optional camera. Handheld, vehicle-mounted, airborne applications can be achieved by using accessories.



EasyScanner is applicable in various fields such as BIM (Building Information Modeling), factory digitalization, underground facility digitalization, heritage architecture protection, mining, etc.

Features



High Accuracy



Dual Batteries for Redundant Power Supply



Indoor/Outdoor Scan



Major Scenario Optimization



Multi-Platforms



Real-Time Process



Real-Time Display of Point Cloud



Coloring Point Cloud with Camera

Scenarios



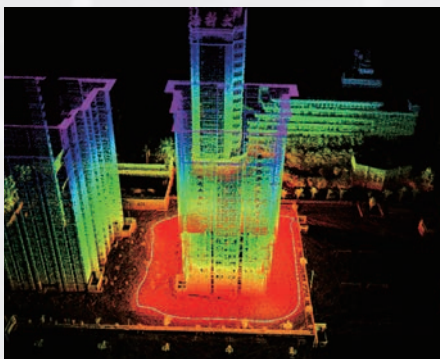
Pile Measurement



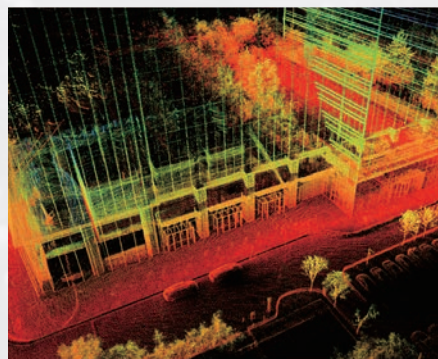
Volume Measurement



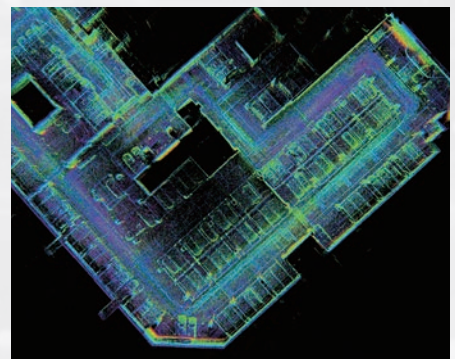
Forestry Survey



Scan to BIM



Measurement and Survey



Facility Digitalization

Product Specs

Range	120m
Laser Wavelength	905nm
Laser Class	Class 1 eye safe
FOV	360°×270°
Ingress Protection	IP54
Processing	Real time
Display	Real-time preview on mobile terminal
Battery	Detachable, hot-swappable dual battery system
Platform	Handheld, backpack, UAV, vehicle and ship
Datalogger Carrier	Backpack or shoulder strap
Scanner Weight	1.7kg
Datalogger Weight (incl. single battery)	1.6kg
Scanner Points per Second	320,000
Channels	16
Vertical Angular Resolution	2°
Horizontal Angular Resolution	0.36°
Accuracy	±1cm
Precision	0.5cm
Operating Temperature	-10 C -50 C
Storage Capacity	512GB
Power Supply	14.8VDC
Battery Life	2h (single battery)

