STONEX

3D Laser Scanner

X150
LASER SCANNER

STONEX

STONEX
3D RECONSTRUCTOR

X150

Tough & Light

X150 is a robust and easy-to-use scanner for quick surveys up to 150 m.

The multi-line full dome Lidar technology allows computing 3D models for a wide range of applications.

X150 comes with it's own processing software and is also compatible with Stonex Cube-scan and Stonex Reconstructor software.

A perfect tool for fast topographic grade surveys and indoor floor maps.

STRONG CASE
IP54
Streamlined aluminum alloy case.

SMALL AND LIGHT
The scanner can be easily used by a single person thanks to its small size and weight of approximately 4 kg.

SELF CALIBRATING
± 5 degrees tilt supplement angle for precise leveling. A 360° one-stop scan requires only 45s.

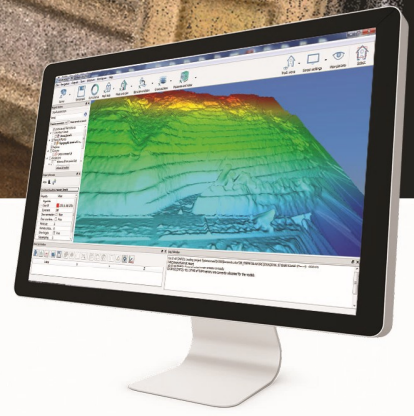### PANORAMIC HDR CAMERA
Add colour to your scan.

WIRELESS CONTROL
Through the dedicated APP it is possible to control the device remotely. Scan with one click and check quality via real-time preview.

3D SOFTWARE

STONEX
3D RECONSTRUCTOR

Powerful and usable 3D Software

The Stonex Reconstructor software allows you to manage and align point clouds acquired through laser scanners or other sensors (such as Stonex handheld scanners), clouds produced by photogrammetry and in general any point cloud.

Complete and clear workflows will guide you during the processing and the expandable modules are able to meet different needs, covering many fields, such as: surveying, mining, construction, architecture, cultural heritage, BIM, galleries etc.
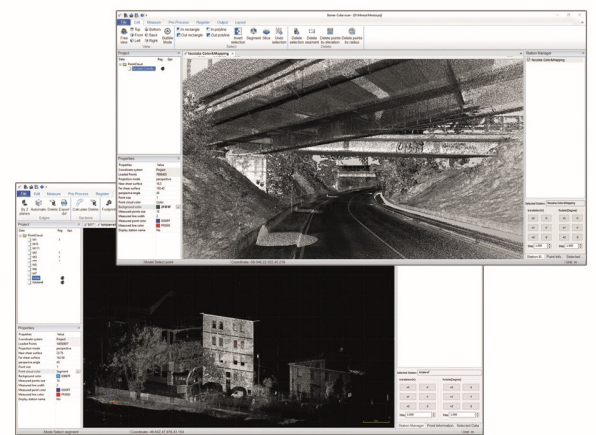
MAIN FEATURES
LINE UP
CLOUD TOOLS
MESH & SHAPES
INSPECTION TOOL
PLANARITY/VERTICALITY
COLOR TOOL
ORTHOPHOTO
CAD OUTPUT
MEASUREMENT

cube·scan

Easy to use and versatile

Cube-scan is part of Stonex Cube-suite.
Easy to use and learn, it allows basic 3D workflows. Import point clouds from Stonex scanner or different sensors and clean them through selection tools.

Aligns the point clouds by choosing from a variety of registration modes. Export registered point clouds to work with your own software or process measures, contour lines, edges and orthophotos.

X150 TECHNICAL FEATURES

PERFORMANCE

Min Range	0.2 m
Max Range	150 m
Ranging Accuracy	Up to 1cm
Scanning Point Frequency	320.000 pts/s
Field Of View	Horizontal 360° Vertical 280°
Scanning Speed	Less than 4 minutes for a 360° scan at max resolution – 45 s fast scan
Horizontal resolution	18" @ max resolution (225s scan) 1' 30" @ min resolution (45 s scan)
Vertical resolution	11' 31"
Dual Axis Tilt Compensation	±5°
Images	Panoramic camera

CAMERA

Photo	360° HDR
Resolution	18 Megapixels
Management	By remote controller / Android device
Remote controller range	10 m
Storage & Connectivity	Wi-Fi / Bluetooth / MicroSD card / Micro USB / Ethernet

SYSTEM

Data Storage	250GB (mSATA Hard disk) + 128GB (TF Card)
Data Transmission	GigE/TF Card
Operation Mode	Remote control by Android device

PHYSICAL SPECIFICATION

Dimension	364mm x 139.5mm x 122mm
Net Weight	Approx 4kg
Operating Temperature	0° C to +50° C (32° F to 122° F)
Waterproof/Dustproof	IP54

ELECTRICAL SPECIFICATION

Battery Life	2 batteries, 4h each
Battery Type	LiPo 6S
Power Supply	22.8 V

Suggested control Tablets:

UT56 - 10" Android Tablet

UT32 - 8" Android Tablet

Illustrations, descriptions and technical specifications are not binding and may change

STONEX AUTHORIZED DEALER

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