STONEX

X40GO Laser Scanner

3D Handheld Laser Scanner



STONEX SLAM

X40GO TECHNICAL FEATURES

X40GO SLAM Laser Scanner

X40GO is a compact system providing high-precision point cloud data, based on SLAM technology.
The 70-meters range LiDAR orientation has been designed to maximise coverage and a 12-megapixel camera provides texture information to the 3D model.
An affordable and simple solution, the idea for interior surveys and layout generation.

LIDAR	
Max Range	70 m @80%, 40 m @10%
Min Range	0.1 m
Scanning Point Frequency	200.000 pts/s
Field of view	360°H, -7~52°V
Laser Class	Class 1
Wavelength	905nm

COLOR CAMERA	
N° of pixels	12 Mpx
Diagonal FOV	210°
Focal length	1.26 mm
Resolution	2704X2288 px
Sensor size	1/2.3 inch
Pixel size	1.55 μ m

SYSTEM	
Relative accuracy	6 mm[1]
Control point support	Ground & wall
Data storage	512GB SSD
Communication	Wi-fi, USB type-c
Operating mode	SLAM mode, Real-time visualisation
Processing mode	Post-processing with GO*post*

ELECTRICAL SPECIFICATION	
Power consumption	18W
System supply voltage	20V
Operating time	1.7 h (single battery)
Battery weight	400 g
External power	USB Type-c
Battery input voltage	5-20V
Battery output voltage	10.8V
Battery capacity	3000mAh

PHYSICAL SPECIFICATION	
Weight	650 g (Without battery)
Size (with handle)	283.8 mm x 173.8 mm x 170 mm
Operating temperature	-20°C to +50°C (-4°F to 122°F)
Operating humidity	<95%
Waterproof/Dustproof	IP54

EXTENSIONS	
360° camera	Insta X360 X4/X4air/X5; DJI Osmo360

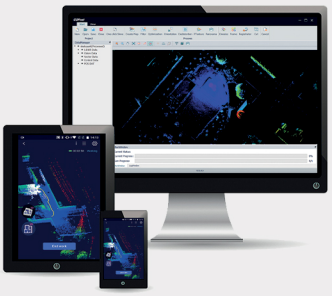
1. Environment dependent

BUNDLED SOFTWARE

GOapp

GOapp is dedicate mobile application for Stonex SLAM scanners, to manage projects, real time point cloud display, image preview, firmware upgrade and other operations. The APP runs on Android and iOS operating system.

Min requirements: Android 10 | iOS 12



GOpost

Windows post processing software which performs optimization processing, colouring of point clouds and creation of panoramic images. You can also import control points to georeference the point cloud.

Minimum requirements: Windows 10-11; 64bit; Intel processor i7; 16GB RAM; NVIDIA RTX2060
Recommended requirements: Windows 10-11; 64bit; Intel processor i7; 32GB RAM; NVIDIA RTX4060

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

STONEX AUTHORIZED DEALER

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