

X40^{GO} Laser Scanner

3D Handheld
Laser Scanner



X40^{GO} TECHNICAL FEATURES

X40^{GO} SLAM Laser Scanner

X40^{GO} 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	70m@80%, 40m@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

RGB 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 μm

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 <i>GOpost</i> ²

ELECTRICAL SPECIFICATION

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

PHYSICAL SPECIFICATION

Weight	0,65 kg (Without battery) 1.16 kg (With battery)
Size	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

1. Environment dependent
2. Any CPU, only NVIDIA GPU

BUNDLED SOFTWARE

GOapp



GOapp is a dedicated 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 systems.

GOpost



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



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



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