

The ZEB Family

The smart way to map and understand spaces



GeoSLAM

GeoSLAM is a global market leader in “go-anywhere” 3D mobile mapping technology. Highly versatile and adaptable to all environments - especially spaces that are indoor, underground or difficult to access, our technology provides accurate 3D mapping without the need for GPS. The ZEB Family of solutions is easy to use and within minutes’ customers can build a highly accurate 3D model of their environment.

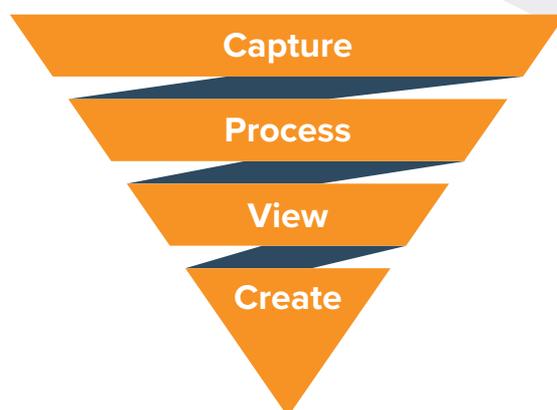
We design and manufacture world-leading technology solutions that deliver rapid results and save time and money. Easy to install and use, within minutes you can build a highly accurate 3D model of any environment.

Our journey so far



“ GeoSLAM technology was at the top of our list to scan our heritage project due to its speed and range ”

Historic England



Our future

“ Technology is driving us further forward each day, in every part of our lives.

At GeoSLAM that's no different, we're on a journey to transform industries, digitalise workflows and engineer solutions that save time, money and increasingly deliver competitive advantage to our customers. From the launch of the ZEB1 in 2013 to today, the rapid speed of adoption of our technology is staggering.

Talk to us about how we can drive your world further forward, faster.”

Dr. Graham Hunter, CEO



ZEB GO

Technical specification

Fast and reliable | Low cost

Range	30m
Protection Class	IP64
Scanner Weight	850g
Points per Second	43,000
Relative Accuracy	1 - 3cm
Raw Data File Size	100MB a minute
Processing	Post or real-time
Battery Life	3.5hrs



Handheld laser scanning for everyone

If you're looking for a reliable way to map and understand spaces, meet the ZEB Go.

The ZEB Go is your first step in SLAM handheld technology, so whether it's the first time you've looked at digital surveying, or you want each of your sites equip with the smartest SLAM, the ZEB Go is the place to start.

The ZEB Go is also available as the ZEB Go RT for real-time data processing on the go!

Find your nearest dealer at [geoslam.com](https://www.geoslam.com)



“ We have been trialling the ZEB Go on numerous construction sites. It is extremely easy to use and the speed of capture has resulted in us being able to capture a full site in a 1/5th of the time compared to our existing scanner ”

Willmott Dixon

ZEB

REVO RT



Technical specification

Real-time data processing | Reduce occlusions

Range	30m
Protection Class	IP51
Scanner Weight	850g
Points per Second	43,000
Relative Accuracy	1 - 3cm
Raw Data File Size	100MB a minute
Processing	Real-time
Battery Life	1.5 hrs

Capture with Confidence

Scan, process and track your progress as you go. The ZEB Revo RT is handheld, lightweight and easy to use, allowing you to rapidly build highly accurate 3D pointclouds within minutes, while on the move.

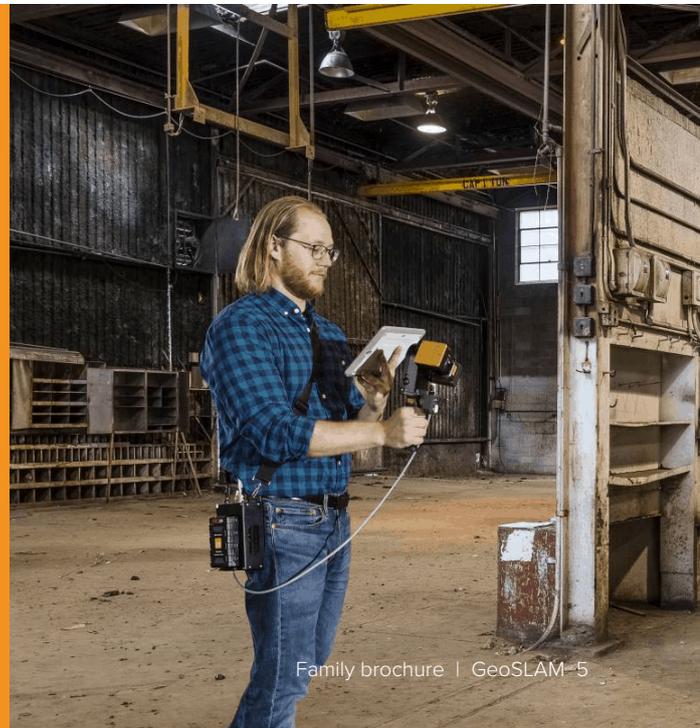
Gain real-time insight into your scan, see the areas you've covered (or missed) and the route you've taken before you leave site. Simple, comprehensive SLAM for everyone.

Find your nearest dealer at [geoslam.com](https://www.geoslam.com)

“The ZEB Revo RT provides us with the necessary accuracy and is much more time efficient than other laser scanning technologies”

Entropy Group LLC

Using the ZEB Revo RT on a first responder exercise, Entropy Group reduced response times of law enforcement officers by 21%





ZEB HORIZON

Technical specification

Handheld | Backpack | UAV Ready

Range	100m
Protection Class	IP54
Scanner Weight	1.3kg
Points per Second	300,000
Relative Accuracy	1 - 3cm
Raw Data File Size	100-200MB a minute
Processing	Post Processing
Battery Life	3.5hrs

Effortless Data Capture

Your tool to capture, view and understand the world around you.

Great for indoor and outdoor use, including spaces where features are positioned further apart.

Lightweight and rugged, simple to use, fast to capture and easy to process giving you the most accurate information you need to make the most important decisions.

Find your nearest dealer at [geoslam.com](https://www.geoslam.com)

ZEB HORIZON

Take your ZEB Horizon to the skies with the UAV mount. Capture from new heights with improved relative accuracy without the need for an IMU, even in areas with no GPS.

Sold as an accessory to go alongside the ZEB Horizon, with a range of 100m and payload of 3.7kg, the ZEB Horizon is great for airborne applications.

ZEB Horizon is your tool to capture, process and understand the world around you.





ZEB

ACCESSORIES



ZEB Discovery

The future of integration is here. LiDAR and high resolution imagery from our ZEB Discovery for rapid urban mapping.



ZEB Locate

Connect your pointclouds to the world. Accurately georeference your ZEB data without the need for control points. Integrate a backpack mounted ZEB Horizon with precision GPS.



ZEB Pano

Capture and create real estate floorplans with interactive 360° panoramic photography for enhanced property surveys.



Backpack frame



Car mount



ZEB Cam



Multi Level Deployment



Reference Plate



Backpack



Hard case

GeoSLAM Connect

GeoSLAM Connect is a powerful 3D process automation solution for processing and managing data generated by the ZEB-series of handheld laser scanners. GeoSLAM Connect is a flexible software platform that can be configured to perform end-to-end analysis of ZEB scan data.

Connect uses GeoSLAM's world-leading SLAM algorithm at its heart and also includes visualisation, additional processing, filtering, workflow automation functionality, as well as integration to 3rd party applications.

- ▶ Automatically process data
- ▶ Solve industry specific problems with add on modules
- ▶ Easily manage ever increasing amounts of data
- ▶ Receive incredible after sales support with GeoSLAM care



Floorplans

GeoSLAM Floorplans delivers accurate, fast, and repeatable floorplans with an easy-to-understand workflow, helping businesses to unlock hidden value in their commercial real estate assets.

With the combination of GeoSLAM's cutting-edge handheld SLAM scanner and innovative smart data platform, GeoSLAM Connect, businesses can create floorplans automatically and within minutes. In addition, using the GeoSLAM mobile app for Android allows users to take photos, notes and voice notes live, while a scan is conducted.

- ▶ No specialist outsourced data collectors required, anybody can capture quality data with just a few minutes training
- ▶ It is not reliant on photogrammetry - where large spaces or multiple floors can't be captured, and where mistakes are common
- ▶ 100% of the data is owned by the user
- ▶ Choose where you want the floorplans to be stored, making it easier to collaborate with colleagues
- ▶ Choose to integrate photos, notes or voice notes into your data
- ▶ Reliable hardware and automated data processing, backed up by GeoSLAM Care



6th floor:
24% build
completed

Construction Progress

Construction Progress combines hardware, advanced SLAM and analytics to deliver crucial site information to your teams quickly and easily.

Automatically generate clear progress reports with visualisations that show you the build progress made on site.

It's used by construction companies to track and record progress against a 3D model or a previous scan to improve efficiency, save money, create unbiased progress reports and provide valuable data to help resolve any disputes that may arise.

- ▶ Automated project progress with transparent, easy to understand, shareable PDF reports
- ▶ See construction progress through the life cycle of a project, helping reporting, avoiding disputes and delay penalties
- ▶ Automated file storage compatible with industry collaboration platforms so the full project team and stakeholders can access progress reports anytime
- ▶ Quickly and easily share project progress updates ensuring full transparency contractors, collect data when you need it
- ▶ Move beyond whiteboards and WhatsApp with easy to implement, digital construction progress
- ▶ GeoSLAM is a trusted technology provider for some of the Worlds largest companies



The complete software solution for GeoSLAM Data

GeoSLAM Hub is a comprehensive software suite that transforms 3D point cloud data into actionable information and valuable deliverables.

As part of GeoSLAM's complete solution, GeoSLAM Hub brings together industry leading SLAM with powerful post processing functionality to deliver complete end to end solutions.

- ▶ SLAM processing to generate accurate 3D point clouds from mobile data
- ▶ Adjust to control - automatic registration of multiple scans and geo-referencing of datasets to control
- ▶ Import, view and interrogate data captured from all GeoSLAM mobile mapping devices
- ▶ Quick and easy workflows with 'drag and drop' functionality - produce deliverables in minutes
- ▶ User definable parameters for enhanced SLAM processing
- ▶ Ability to visualise synched imagery data captured from ZEB Cam
- ▶ Provides survey-grade data accuracy

Deliverables

Optional GeoSLAM Draw software includes simple to use tools for quickly extracting floor plans and sections from point cloud data. It's available in several sector packages.

- ▶ Create 2D plans, sections and elevations from 3D pointcloud data in minutes
- ▶ Automatic vectorization of 2D lines allows for rapid floorplan creation
- ▶ Publish, share and collaborate with multiple stakeholders
- ▶ Easily export data for use in third party CAD and GIS software packages
- ▶ Provides survey-grade data accuracy



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