



**Size**  
5000  
properties in  
5 months



**Scan time**  
15 mins per  
scan



**Location**  
Netherlands



**Industry**  
Real Estate



**Scanned**  
Residential and  
commercial  
properties

## ZIEN24

The real estate market is fast-moving and highly competitive. Estate agents are reliant on customer relationships based on trust and reliability. They realise the importance of providing accurate measurements and specifications of the properties they are advertising as any miscalculations can not only invalidate a sale but can damage their reputation. This is particularly pertinent to the Netherlands in order to meet the BBMI standards guaranteeing the quality and accuracy of estate agents' floorplans.

Zien24, a Rotterdam-based media and marketing company, produces content and digital floorplans for estate agents covering all types and sizes of residential and commercial properties. As the company grew and acquired more clients, they found that the traditional terrestrial survey techniques were too slow and laborious to meet their needs. To secure scan data and photographic imagery there were multiple site visits, and large properties over 400m<sup>2</sup> were difficult to measure. Also, data manually captured on a notepad meant there could be mistakes resulting in back and forth between the scanning technician and the production team.

**“ With ZEB PANO an average house of 200m<sup>2</sup> is scanned in just 15 minutes, from walking in and walking out the door ”**

“We realised we needed a faster and more accurate surveying method to meet our clients' requirements and GeoSLAM's ZEB PANO was the obvious choice,” says Karl van Duffelen, Reality Capture Manager of Zien24. “We are the first real estate company to use mobile scanning in our region and it's been a game-changer for us. The fleet of handheld scanners is very simple to use, which means we don't have to spend a lot of time training staff. In one visit we can now capture both error-free scan data and high res photos, and ensure we haven't missed any spaces. So it saves us a huge amount of time and the homeowner doesn't need to be home all day or have multiple visits.”





The lightweight, handheld ZEB PANO is not only easy to operate but is robust and reliable to scan even the most difficult to access places, quickly and accurately. Capable of capturing 43,000 data points per second and high-resolution panoramic imagery at the same time, the ZEB PANO stores the exact location of each panoramic image enabling quicker, more accurate, and less intrusive property surveys. 3D measurable information and imagery captured with the ZEB PANO uses the leading SLAM algorithm and enables the creation of both 2D and 3D floorplans.

“The ZEB PANO has revolutionised our workflow and allows us to produce floorplans faster than ever before – we can now create a digital floorplan of an average 200m<sup>2</sup> house in 15 minutes,” van Duffelen continues. “We’ve scanned over 5000 properties in just 5 months including hotels, offices, factories, warehouses and even castles. The ZEB PANO not only gives us confidence in the end product but gives our clients peace of mind knowing that our fully-automated measurements are highly accurate.”

**“ Thanks to GeoSLAM’s ZEB PANO fleet we have scanned over 5000 houses in just five months! ”**

The ZEB PANO fleet has enabled Zien24 to cement their leading position in the Dutch real estate market, and expand into new markets as they offer scanning services to support BIM models.

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