



## Ready for anything

NavVis VLX 2 is the industry-trusted wearable mobile mapping system designed for laser scanning professionals that require fast, accurate, and affordable reality capture of the built environment.

# NavVis VLX 2

## Accurate. Versatile. Robust.

### Dynamic reality capture

Capture 3D measurements with two 16-layer lidar sensors in combination with industry-trusted SLAM software to deliver survey-grade point cloud quality. Four cameras positioned on top of the device take high resolution images in every direction for complete 360° capture — all without the operator appearing in the field of view.

### Live scanning feedback

Monitor your scanning progress in real time with a built-in touchscreen interface to ensure complete coverage as you move.

### Precision meets ergonomics

A first-of-its-kind wearable device which enables operators to comfortably scan at the speed of walking. The forward-facing design allows for targeted scanning, together with a built-in screen for optimal viewing. Comes fully equipped with:

- Grip pads
- Shoulder pads
- Built-in screen
- Forward-facing design
- Stabilizing belt

### Geo-registration

NavVis VLX 2 is fully compatible with standard tools in the field. It can capture control points in a local site coordinate system measured by both Total Stations and GNSS rovers, and also supports national and global coordinates for precise geo-registration and alignment of datasets.

### Innovative folding design

The unique hinged design folds up and fits into a protective case or backpack, so that a single operator can easily transport and set up.

### Seamless transportation

With multiple methods of transporting NavVis VLX 2, moving around and between sites has never been simpler. A protective, hard-shelled case on wheels enables air and rail travel, while a compact, sturdy backpack allows you to move to and from your site with ease.



Live scanning feedback

## Versatile scanning

Flexibility and speed when you need it most. As an integral part of your hybrid scanning workflow, NavVis VLX 2 can reliably tackle anything from complex indoor spaces to construction sites.



## High accuracy

For accuracy that efficiently meets your needs and more.



## Exceptional data quality

### Preserves original details

Point cloud surface reconstruction preserves details while removing noise for more efficient use in 2D drawings and 3D models.

### Highly realistic texturing

Highly detailed point clouds include color and realistic texturing.



### Detect and remove dynamic objects

Objects that move through the scan are automatically detected and removed from point clouds during post-processing, resulting in less manual work.

### Robust SLAM

Robust SLAM algorithms can accurately capture the entire building including the facade and surroundings.



NavVis Authorized Reseller

## BUILD BETTER REALITY

Bridge the gap between the physical and digital worlds through reality capture technology that provides the digital foundation for the world you want to live in.