PRODUCT INFORMATION

NavVis M6

NavVis

Next-Generation 3D Scanning

NavVis M6 is a SLAM-based indoor mobile mapping system designed for high-quality, all-in-one reality capture of commercial and industrial properties

NavVis M6
Designed for scalability

Multi-sensor system
A combination of single-layer and multi-layer LiDAR strategically positioned for a much broader range of capture compared to a single sensor system.

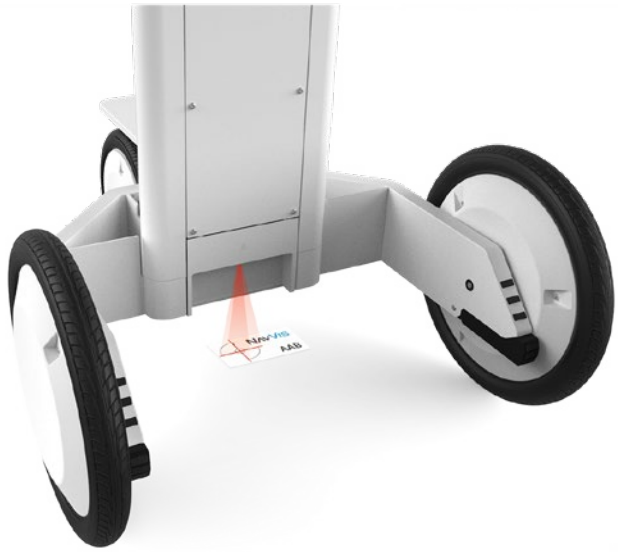
Unrivalled 360° capture
Six cameras capture images in every direction without obstruction or blind spots. The result is the most comprehensive panorama capture capabilities on the market.

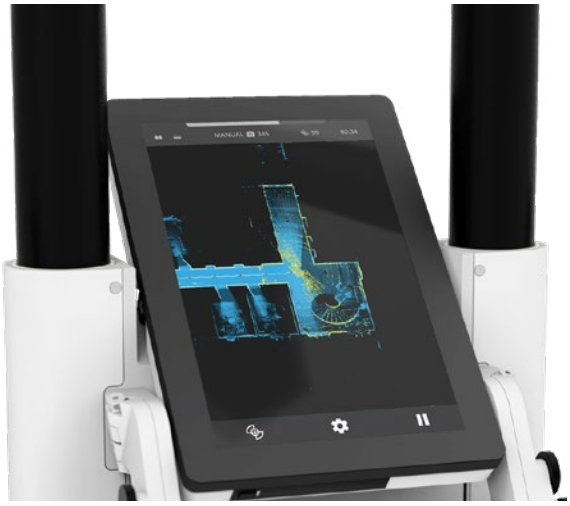
Expansive display
See exactly what is being scanned and assess the quality of the data with live feedback displayed on a 10-inch touchscreen display that is built into the device.

Unprecedented speed
Mobile scanning on wheels offers a fully scalable solution for large indoor environments. Fast capture with minimal disruption to the surroundings extends the use of 3D scanning to environments that don't allow for downtime.

Snaps into place
NavVis M6 requires no tools for on-site set up and dismantling and can be transported in three mobile cases.

Compatible with ground control points
For survey-grade accuracy and automatic dataset alignment, NavVis M6 is compatible with ground control points.





Expansive display

NavVis M6
System Software

NavVis M6 System Software runs onboard the device during a mapping. It features robust SLAM for survey-grade point cloud quality and a powerful, built-in user interface that lets you intuitively control the device and the capturing process. Live feedback displays your progress to ensure dense, high-quality scanning.

Survey-grade point clouds

Accurate and reliable SLAM delivers survey-grade point clouds

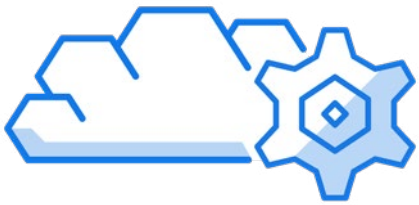
Point cloud surface reconstruction focuses on preserving details

Highly realistic point cloud texturing

Automatic detection and removal of dynamic objects

NavVis Post-processing

NavVis post-processing produces the final, survey-grade point cloud and HD panoramic imagery. Processing data with NavVis is possible using our desktop application or in the cloud, as a Software-as-a-Service (SaaS) solution. Either way, you'll benefit from sophisticated algorithms offering features like dynamic object removal, noise-reduction filters, or automatic stitching of high-resolution images. The result is a detailed, photorealistic point cloud suitable for applications such as BIM, as well as a fully-immersive, 360° walkthrough of the scanned environment that's ready for you to interact with and explore.



Post-processing in the cloud

With the Cloud Processing Add-on for NavVis IVION, you can process laser scan data captured by NavVis devices anywhere with an internet connection. Easily set up and start processing multiple datasets on site, ready for when you're back in the office.

Process wherever and whenever
Start, monitor, and finish processing tasks on your own terms, and reduce the time from mapping to usable data.

Efficiency where it matters
Process multiple datasets in parallel, saving valuable time and effort for the tasks that require individual attention.

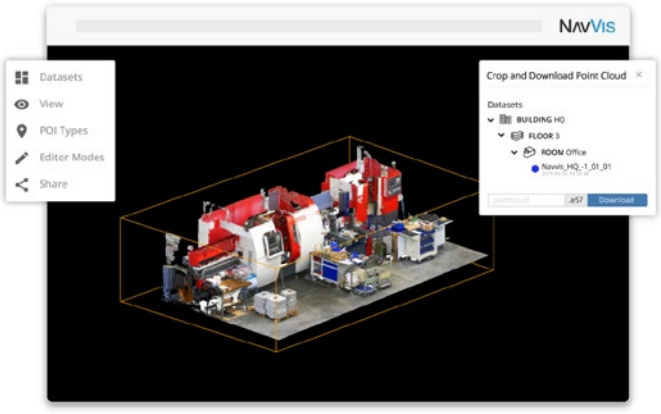
Easy to set up and use
An uncomplicated workflow and user-friendly interface eliminate the need for extensive onboarding and additional training.

Intuitive and reliable
Set up processing tasks to be successful and to deliver reliable results the first time. A win-win for you and your customer.

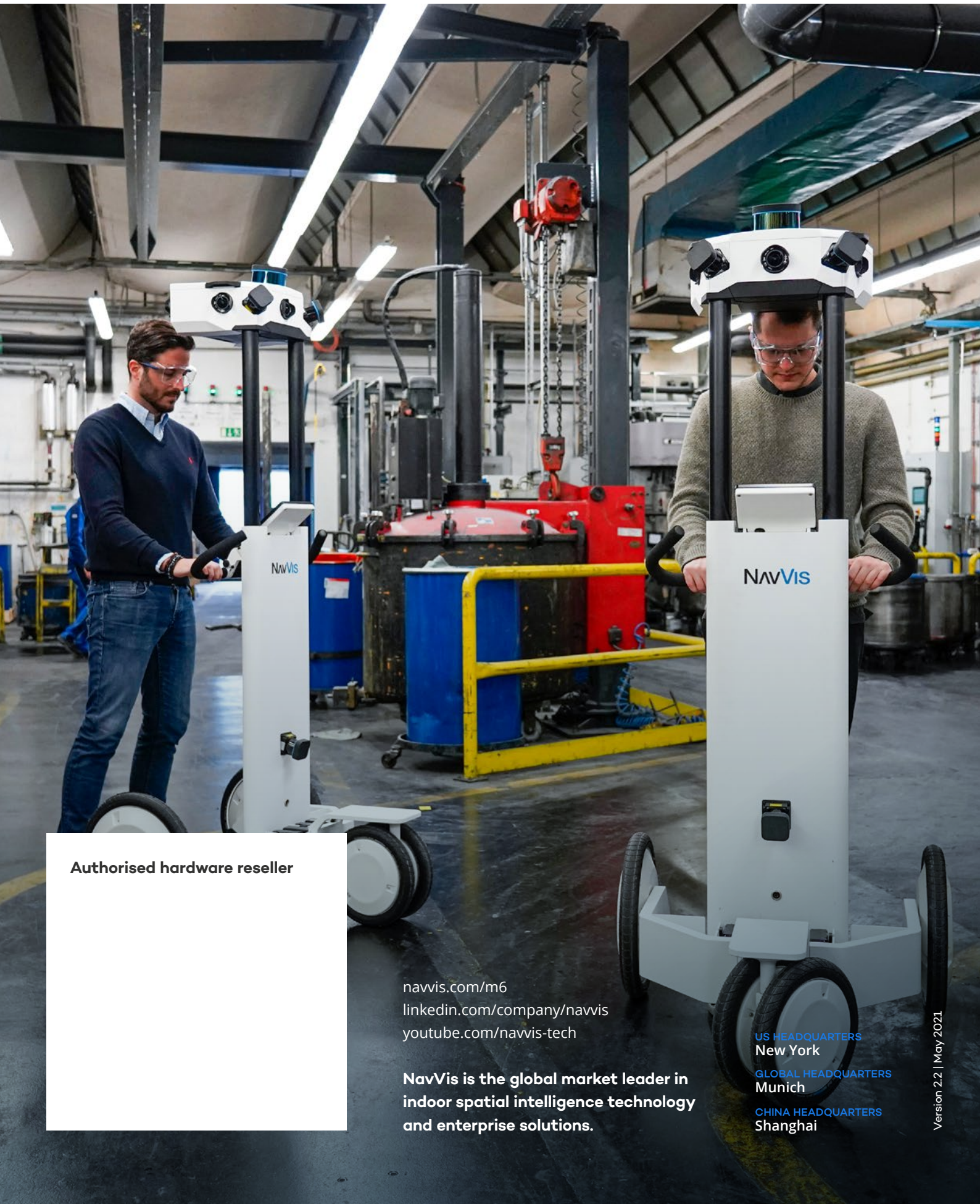
Included with your subscription:

NavVis IVION

Leverage point cloud files to give your customers an entirely new way to access and interact with building scan projects as fully immersive digital twins. NavVis IVION enables laser scanning professionals to create and publish web-based digital buildings in just a few clicks.



NavVis



Authorised hardware reseller

navvis.com/m6
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NavVis is the global market leader in indoor spatial intelligence technology and enterprise solutions.

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