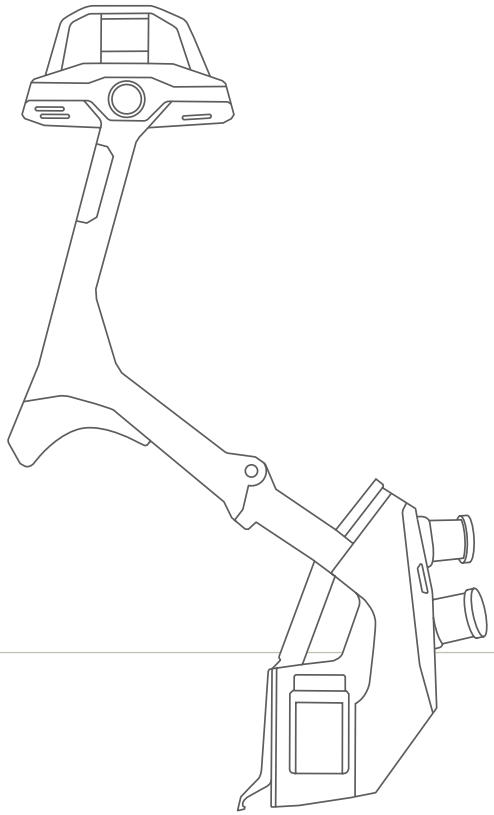
PRODUCT INFORMATION
NavVis VLX 4

NavVis



Capture Details in Motion

Bring dynamic speed to high-detail projects.



NavVis VLX 4 is a wearable reality capture device for projects where fine geometric detail matters. It combines dynamic scanning speed with true 3 mm point cloud resolution to efficiently capture complex environments for LOD350+ Scan-to-BIM, MEP, and industrial engineering applications.



1. Fine geometry, clearly captured

Thin pipes, sharp edges, bolts, brackets, and densely packed technical components are captured with high geometric detail. The result is dense, clean point clouds suited to demanding modeling, coordination, and engineering workflows.

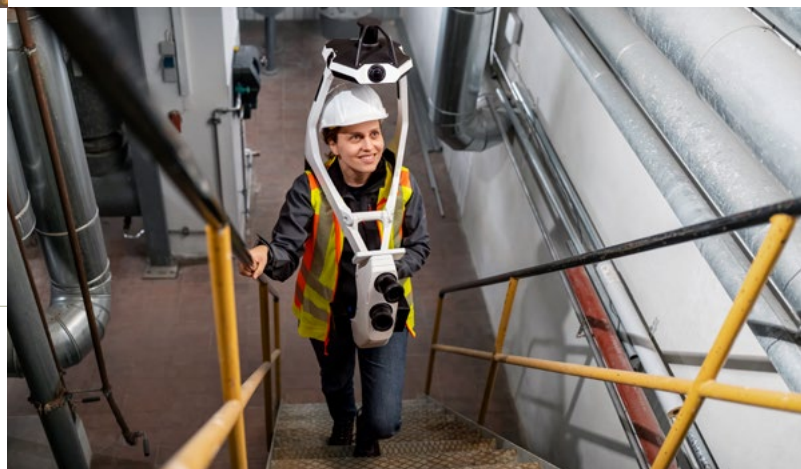
2. Triple-lidar architecture

Three lidar sensors capture complex geometry from multiple angles in a single pass, delivering the point density needed to resolve fine details and produce cleaner, more complete point clouds.



3. Wearable capture for high-LOD projects

Move freely through large and complex environments while continuously capturing the high-detail data demanding projects require. The wearable format lets teams cover more ground in less time while maintaining the geometric detail needed for high-LOD workflows.





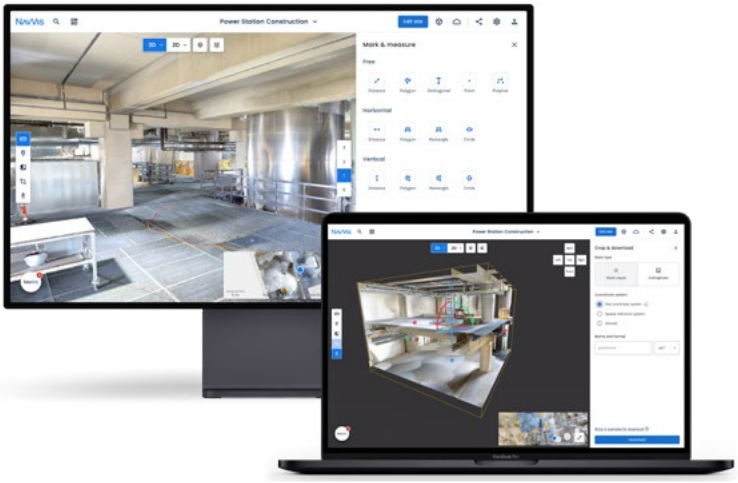
4. Proven NavVis technology

Trusted NavVis SLAM software provides the positioning reliability and consistent data quality required for demanding projects. The built-in display gives operators real-time feedback on trajectory and coverage while they capture.

5. One investment. More opportunities

Take on a wider range of high-detail Scan-to-BIM, MEP and industrial engineering projects with one solution. NavVis VLX 4 combines detailed capture with a repeatable wearable workflow, helping teams increase project capacity without adding unnecessary operational complexity.





6. One connected NavVis workflow

Move from capture to processed data, collaboration, integration and final deliverables in one connected workflow. With IVION Processing and IVION, teams can reduce manual steps and efficiently move projects from the site to usable output.



7. Seamless transportation

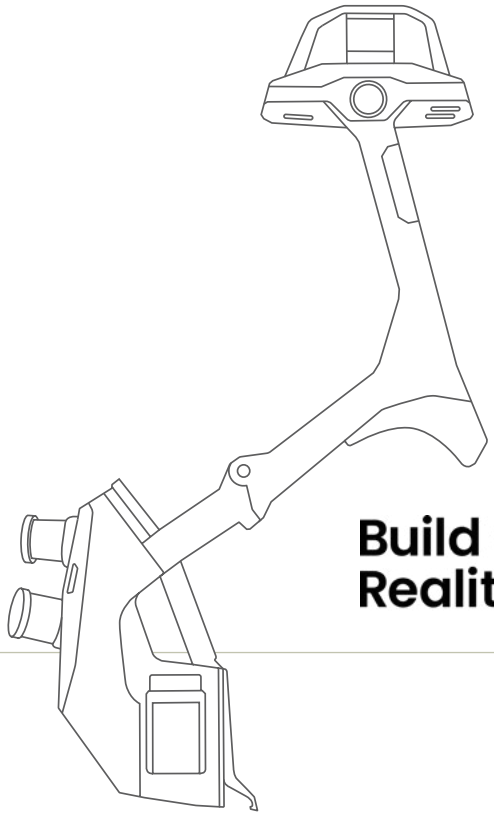
With multiple methods of transporting NavVis VLX, moving around and between sites has never been simpler. A protective, hard-shelled case on wheels enables air and rail travel, while a compact, sturdy backpack allows you to move to and from your site with ease.

NavVis



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Build On.
Reality You Trust.

See how NavVis VLX 4 brings dynamic speed to high-detail reality capture.

Book a demo →