

Trimble SiteVision

AUGMENTED REALITY AND REALITY CAPTURE SOLUTION

Trimble® SiteVision® software transforms the industry's leading augmented reality visualization tool into an affordable high-performance reality capture solution. By putting professional-grade lidar in the hands of superintendents and engineers, we've eliminated the need to wait for specialists to verify site conditions.



Software

Model placement	Automatic with Georeferenced data
	Measured
	Manual
	QR Markers
Supported formats	SKP, VCL, SVD, SVL, TTM, TrimBIM, TMAP, Tekla® & TFLX
	Open industry standards: IFC, LandXML
	3rd party: DWG, SHP, GDB, PNG, DWG/DXF, RVT, NWD/NDC, WFS, DGN & PDF
Connectivity (model data)	Cellular or Wi-Fi®, via user-supplied mobile device
Connectivity (correction data)	Cellular or Wi-Fi, via user-supplied mobile device
	L-band satellite for remote operations
Measurement methods	GNSS
	EDM measurements with the HPS2 handle
	AR model measurement
	Lidar ¹
	Camera
Reality Capture	Point cloud collection (requires lidar enabled iPhone Pro or iPad Pro device)
	Maximum collection range 6m
	Full color point cloud
	Output format: LAZ 1.4 with WKT CRS definition
	Direct cloud publishing to Trimble Reality Capture Platform Service

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Software continued	
Measurement and recording functions	Georeferenced photo
	BCF Topics
	Points
	Grade
	Distance
	Cut/Fill
	In-field design
	Volumes
	Area
	Point cloud ¹
Measurement modes	Model point to model point
	Ground point to model point
	Ground point to ground point
Minimum phone requirements	Powered by Android™ 10 or later, that is supported by the Google AR technology
	Powered by iOS 16 and later, from iPhone 8 and iPad (2017) onwards, that is supported by the Apple® ARKit technology

Subscription includes	
GNSS correction services	Trimble SiteVision® Precision Service including Trimble VRS Now™ and Trimble RTX®
	Use of other third party VRS correction services may involve an additional cost from the 3rd party service provider
Cloud storage	Trimble Connect® Business Premium
Supported Languages	English, German, Norwegian, Swedish, Japanese, Chinese, Korean, Dutch, Spanish, Brazilian Portuguese, Russian, Czech, French, Italian and Polish

1 Requires a lidar-equipped iPhone Pro or iPad Pro.

Specifications subject to change without notice.

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