

# Trimble SiteVision

## AUGMENTED REALITY AND REALITY CAPTURE SOLUTION

Trimble® SiteVision® software transforms the industry's leading augmented reality visualisation 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 <sup>1</sup>                                                            |
|                                | 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           |

# Trimble SiteVision

Augmented reality and reality capture solution

| Software continued                  |                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Measurement and recording functions | Georeferenced photo                                                                                                  |
|                                     | BCF Topics                                                                                                           |
|                                     | Points                                                                                                               |
|                                     | Grade                                                                                                                |
|                                     | Distance                                                                                                             |
|                                     | Cut/Fill                                                                                                             |
|                                     | In-field design                                                                                                      |
|                                     | Volumes                                                                                                              |
|                                     | Area                                                                                                                 |
|                                     | Point cloud <sup>1</sup>                                                                                             |
| 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 |

<sup>1</sup> Requires a lidar-equipped iPhone Pro or iPad Pro.  
Specifications subject to change without notice.



**UPG**  
33 Allison Street  
Bowen Hills Q 4006  
  
upgsolutions.com

**Trimble Inc.**  
10368 Westmoor Drive  
Westminster, CO 80021  
USA  
  
[trimble.com](https://trimble.com)

