

Specifications

Trimble SiteVision



Hardware

Trimble SiteVision Integrated Positioning System

GNSS position accuracy	Hz: 1 cm + 1 ppm RMS Vt: 2 cm + 1 ppm RMS
GNSS constellations	GPS, GLONASS, Galileo, QZSS, SBAS, L-Band Satellite Corrections
Supported correction formats	RTCM 3.0, RTCM 3.1, RTCM 3.2, CMRx
EDM/AR position accuracy	Typical Hz: <20 cm rms at 10 m Vt: <10 cm rms at 10 m (varies by phone model)
EDM distance measurement accuracy	Typically ± 3 mm at -10 °C to +50 °C
EDM distance measurement range	Typically 0.3 m-25 m to fresh asphalt Up to 100 m to white walls
EDM measuring time	0.1-4 seconds depending on surface, range & brightness
Power management	Swappable batteries ~ 2.5 - 3 hours per battery (varies by phone model)
Dimensions	Diameter: 135 mm Height: 285 mm
Weight	560 g with battery
Operating temperature	-20°C to +40°C (-4°F to +104°F)
Operating temperature range with AR (phone)	Typically -10°C to +35°C, (14°F to +95°F) varies by phone model
Storage temperature range	-20°C to +70°C (-4°F to +158°F)
Humidity	95% non condensing
Waterproof	IP65
Drop	Drop 1.2 m (4')
User interface	LED for power on, Bluetooth connection status, low battery warning

***Applies to Trimble SiteVision Integrated Positioning System only, NOT user provided mobile device**

Software

	3.5" QVGA (240 x 320 pixels)
Model placement	Automatic with Georeferenced data Measured (cm) Manual
Supported formats	Trimble: SKP, VCL, TTM Open industry standards: IFC, LandXML 3rd party: DWG, SHP, GDB, PNG
Connectivity (model data)	Cellular or Wi-Fi, via user supplied mobile phone
Connectivity (correction data)	Cellular or Wi-Fi, via user supplied mobile phone
	L-band satellite for remote operations
Data interpretation	User defined rules & 3D symbols
Measurement and recording functions	Georeferenced photo, ToDo's, Tasks, Points, Grade, Distance, Cut/Fill
Measurement modes	Model point to model point Ground point to model point Ground point to ground point
Measurement methods	GNSS, EDM remote measurement, AR model measurement
Validated Phone Models	Samsung S10+, Samsung S9+, Samsung Note 9, Samsung Note 8
Minimum Phone Requirements	Phone supported by Google Play Services for AR, running Android™ 9

SiteVision Subscription includes:

GNSS correction services	SiteVision Precision Service including Trimble VRS Now and Trimble CenterPoint RTX
Cloud storage	Trimble Cloud services

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Specifications subject to change without notice.

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