



Trimble Catalyst

TECH SPECS

Accuracy*

Precision subscription	10 mm HRMS + 1ppm / 20 mm VRMS + 1ppm after 2 minutes
Decimeter subscription	10 cm HRMS and VRMS after 1 minute
Sub Meter subscription	30 cm HRMS and VRMS after 1 minute
1 Meter subscription	100 cm HRMS and VRMS after 1 minute
No subscription	200 cm (autonomous) after 1 minute

*For all positioning subscription levels with Trimble Catalyst, performance depends heavily on many contributing factors. Accuracy and reliability may be subject to anomalies such as multipath, satellite geometry, atmospheric conditions, and proximity to obstructions such as trees, mountains, buildings and other structures. Position accuracy specifications for Trimble Catalyst subscriptions levels are validated in normal conditions with clear lines of site to the sky, and position accuracy may degrade quickly and significantly under any of the aforementioned anomalous conditions.

DA1 Antenna

Dimensions	130 x 60 mm
Weight	300 g
Operating temperature range	-20 to +60 °C
Ingress protection rating	IP65
Communication to host device	USB
Power consumption	0.6 W
Power source	Host device or USB
Run time	Depends on host device

GNSS specifications

GNSS	GPS L1/L2C, QZSS L1/L2C, GLONASS G1, MSS, SBAS
SBAS	L1C/A WAAS, EGNOS, GAGAN, QZSS L1-SAIF
Operating temperature range	-20 to +60 °C
Corrections	RTCM 3.x, CMRx, MSS (RTX)
Trimble Corrections Hub	Configuration-less access to Trimble VRS Now and RTX
Software channels	Track and use up to 32 GNSS satellites
Position rate	1 Hz / 5 Hz



Catalyst System Requirements

Trimble Catalyst can run on compatible Android smartphones and tablets. We have provided some guidelines below to help you understand if your device will meet the minimum hardware specifications necessary to run this service on your device.

Operating system	Android 5.0 or higher
System memory	1.5 GB RAM or higher
Core type & quantity	Minimum 4x ARM cores
CPU core speeds	1.5 GHz per core or higher