



Name: Trimble DA2 GNSS Receiver

Year of Purchase: 2024

Description:

The Trimble DA2 GNSS receiver is the next generation receiver for the Trimble® Catalyst™ GNSS positioning service. With the addition of the simple, lightweight Trimble DA2 GNSS receiver and an on-demand accuracy based subscription, turn your smartphone or tablet into a precision mapping, navigation, and measurement tool you can use with any location enabled app or service.

Specifications:

GNSS PERFORMANCE ¹		
SBAS		
	Horizontal accuracy	0.6 m RMS
	Vertical accuracy	1.2 m RMS
Code Differential (DGPS)		
	Horizontal accuracy	0.3 m + 1 ppm RMS
	Vertical accuracy	0.6 m + 1 ppm RMS
Single baseline (<30 km) RTK		
	Horizontal accuracy	10 mm + 1 ppm RMS
	Vertical accuracy	20 mm + 1 ppm RMS
Network RTK		
	Horizontal accuracy	10 mm + 0.5 ppm RMS
	Vertical accuracy	20 mm + 0.5 ppm RMS
Trimble RTX® (using Trimble Corrections Hub) ²		
	Horizontal accuracy	2 cm RMS
	Vertical accuracy	5 cm RMS
	Positioning rate	1 Hz, 5 Hz, 10 Hz
STATIC GNSS POSITIONING		
Static and Fast Static		
	Horizontal	3 mm + 0.5 ppm RMS
	Vertical	5 mm + 0.5 ppm RMS
Post-Processed Kinematic ³ Centimeter / Decimeter Configurations		
	Horizontal accuracy	10 mm + 1 ppm RMS (0.033 ft + 1 ppm RMS)
	Vertical accuracy	20 mm + 1 ppm RMS (0.065 ft + 1 ppm RMS)
Post-Processed Kinematic Sub-meter Configurations ³		
	Horizontal accuracy (baselines up to 30 km)	1 cm + 1 ppm RMS
	Vertical accuracy (baselines up to 30 km)	2 cm + 1 ppm RMS
	Horizontal accuracy (baselines over 30 km)	50 cm + 1 ppm RMS