

Reach RX2 Product specs

Positioning		
Precision	RTK	H: 7 mm + 1 ppm
		V: 14 mm + 1 ppm
	Tilt:	RTK + 2 mm + 0.3 mm/°
Convergence time		~5 s typically
Signal tracked		GPS: L1C/A, L2C, L5 GLONASS: L1OF, L2OF Galileo: E1-B/C, E5a, E6 BeiDou: B1I, B1C, B2a, B3I QZSS: L1C/A, L1C/B1I, L2C, L5 NavIC: L1-SPS Data, L5-SPS
Number of channels		672
Update rates		5 Hz
Connectivity		
Communication interface		Bluetooth 4.2 (BR/EDR + LE)
Ports		USB Type-C port
Input data format		RTCM3
Input data protocol		NTRIP
Position data format		NMEA
Mechanical		
Dimensions		172 × 51 × 51 mm (6.77 × 2.00 × 2.00 in)
Mount		5/8"-11 UNC and quick release
Weight		280 g (0.62 lb)
Operating temperatures		-20 to +65 °C (-4 to 149 °F)
Ingress protection		IP68 (maximum depth of 1.5 meters up to 30 minutes)
Electrical		

Autonomy		Up to 16 hrs
Battery		Li-Ion 7000 mAh, 3.6 V, 25.2 Wh
Charging		USB Type-C 5 V 2 A
Certification		FCC, CE, IC, MFi