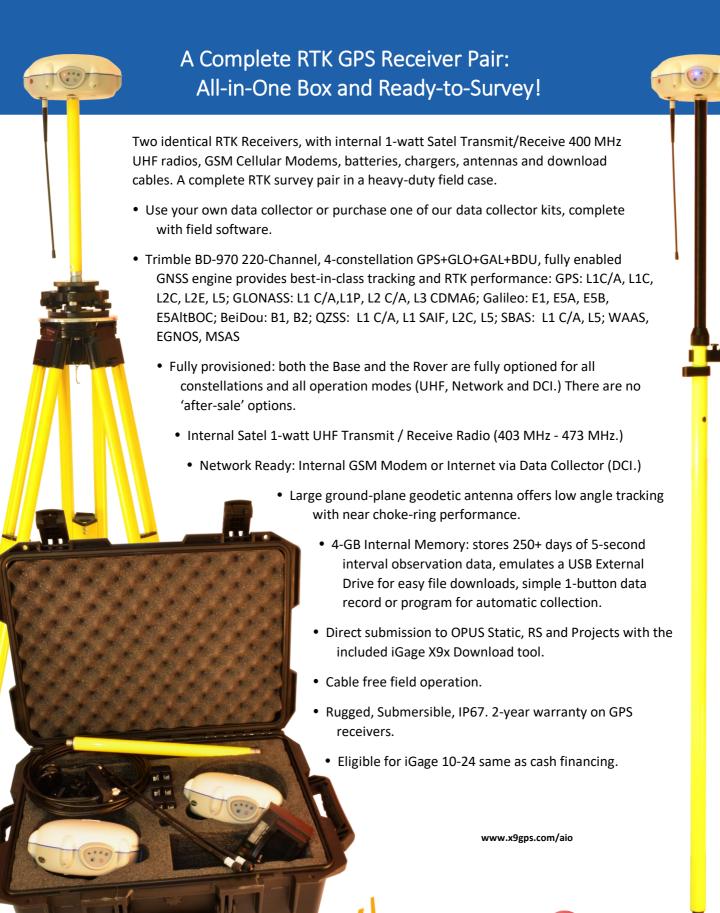
The "All-in-One" RTK GPS Pair



All-in-One GNSS RTK GPS Specifications

All-in-One Model	X91+					
Price (MSRP) ⁵	Visit www.x9gps.com for current pricing					
GNSS Engine	Trimble BD-970					
-	tene de te					
Measurements	220 Channels, 4 constellations					
	GPS: L1C/A, L1C, L2C, L2E, L5					
	GLONASS: L1C/A,L1P, L2C/A, L2P, L3					
	SBAS: WAAS, EGNOS, MSAS					
	Galileo: E1, E5A, E5B (test)					
	BeiDou: B1, B2					
RTK Performance ¹	5-hz rate					
RTR Performance-	Horz 8 mm + 1 ppm RMS Vert 15 mm + 1 ppm RMS					
Post-Processing	Horz 3 mm + 0.5 ppm RMS					
Static Performance ¹	Vert 5 mm + 0.5 ppm RMS					
Initialization ⁴	< 10 seconds, 99.9% reliability					
Protocols	RTCM 2.3, RTCM 3.0, CMR, CMR+, sCMR, NMEA 0183					
	HCN output for GNSS raw data					
Network	Base and Rover All-in-One receivers are identical and can be used as two Network Rovers. Data Collector Internet,					
	Wi-Fi via Data Collector Internet and Internal GSM modems allow for NTRIP and DIP connections.					
Communication	1x RS232 serial port; 1x USB					
	Integrated Bluetooth® Class 2					
	Integrated GSM/GPRS modem					
	Internal Satel Transmit / Receive UHF: 403-473 MHz; Trimtalk, EOTT, SATEL					
Physical	Size (LxWxH): 7.5 x 7.9 x 3.3 in (190 x 200 x 84 mm)					
,	Weight: 3 lbs. 1 oz. (1.4 kg) with battery					
	Operating temperature: -40°F to 149°F (-40°C to +65°C)					
	Storage temperature: -40°F to 167°F (-40°C to +75°C)					
	Humidity: 100% condensation					
	Waterproof and dust proof: IP67 protected from temporary, immersion to depth of 1-meter, floats					
	Shock: survives a 2-meter drop to concrete					
Electrical	Power consumption: 2.6 watts as a rover					
	Lithium-Ion battery capacity: 2.2 Ah, 7.4 V, accepts 2.6 Ah extended					
	Battery Life ² : Up to 6-hours typical, 1,000 charge cycles					
	External power input accepts 9 to 18 VDC					
	Communication: 10-pin Lemo					
	USB: GPS Device mounts as an external drive					
	Serial: RS232 Communications and Configuration Port					
Internal Storage	4-GB Flash. Over 50-days storage at 1 Hz, 2-years with 5-second epochs ³					
Data Collection Software	Carlson SurvCE, SurvPC; MicroSurvey FieldGenius					
Warranty	2-year iGage warranty; 2-year CHC factory warranty; accessories 1-year; batteries 90-days					

Some of the Standard Data Collector Kits offered by iGage	797		Scripe	ioi	
Model	LT30TN	Nautiz X8 NX8-BW	Mini2 GEO	Surveyor2 GEO	Ranger 3 3XC
Includes SurvCE & Brackets	\$1,748	\$2,096	\$3,406	\$4,350	\$4,341

¹ Precision and performance values assume a minimum of 9-satellites in multipath clear, EMI free, obstruction free environment with reasonable atmospheric conditions and satellite geometry. Network based solutions based on shortest actual baseline. Post-processed accuracy is dependent on baseline length and time-on-point, 24-hour observations may be required. Stable mounts and generally accepted survey practices are required for the highest order survey results.



 $^{^4}$ Initialization times assume reasonable baseline, constellation and number of SV's in a multipath and obstruction clear environment.

Prices, specifications and descriptions are subject to change without notice. Please call us for the latest information and a custom quotation.

A FCC license is required for base operation.

[Rev 18: 19 Aug 2016]



Included Accessories:

Download Cable
Heavy-Duty External Power Cable
Extension Pole for Base-on-Tripod
Tuned UHF Antennas
UHF Antenna Extension Cable
3-Batteries
Dual-Charger with Power Supply



iGage Mapping Corporation

1545 S 1100 E STE 1 Salt Lake City Utah 84105 USA +1-801-412-0011 www.igage.com

 $^{^2}$ Battery life varies with temperature and battery age. An external power source is recommended for static occupations lasting longer than 4-hours and base operation longer than 2 hours. Elevated and extreme cold working or storage temperatures (> 85°F, <-20°F) hasten capacity loss.

 $^{^{\}rm 5}$ Price includes 3-day Shipping to most USA address.