









PRECISION GNSS + INERTIAL

OEM GNSS Receivers



OEM GNSS Receivers

	SINGLE FREQUENCY	DUAL FREQUENCY		TRIPLE FREQUENCY		
	BD910	BD920	BD920-W3G	BD930	BD930-UHF	BD970
						
Size (mm)	41 x 41 x 7	51 x 41 x 7	60 x 55 x 19	51 x 41 x 7	60 x 55 x 15	100 x 60 x 11.6
Weight (g)	19	24	54	30	60	62
Channels	220	220	220	220	220	220
Max. Update Rate (Hz)	20	20	20	20	20	50
GPS (Frequencies)	L1	L1 / L2	L1 / L2	L1 / L2 / L5	L1 / L2 / L5	L1 / L2 / L5
GLONASS	L1	L1 / L2	L1 / L2	L1 / L2 / L3	L1 / L2 / L3	L1 / L2
Beidou	B1	-	-	B1 / B2	B1 / B2	B1 / B2
Galileo	E1	E1	E1	E1 / E5A / E5B	E1 / E5A / E5B	E1 / E5A / E5B
SBAS	L1	L1	L1	L1 / L5	L1 / L5	L1 / L5
QZSS	L1	L1 / L2	L1 / L2	L1 / L2 / L5	L1 / L2 / L5	L1 / L2 / L5
L-Band	-	-	-	-	-	-
RTX ¹	-	-	-	IP	IP	IP
RTK	✓	✓	✓	✓	✓	✓
RTK - INS	-	-	-	-	-	-
Heading / Attitude	- / -	- / -	- / -	- / -	- / -	- / -
Communications	-	-	3G / WiFi	-	UHF-RX	-
Connector	80-pin	80-pin	44-pin	80-pin	44-pin	24-pin + 6-pin

¹ RTX CenterPoint® or RangePoint® via IP and/or L-Band.

INTEGRATED TECHNOLOGIES

The Integrated Technologies division of Trimble provides high-precision GNSS positioning solutions and robust Wireless Communications that maximize productivity and enhance profitability for our customers.

Integrators may leverage a range of GNSS and Wireless Communication modules to serve a broad cross-section of major markets. Some of these markets include survey, autonomous vehicle guidance, energy, agriculture, robotics, avionics, port automation, marine, mining, and oil & gas.

QUALITY







At Trimble, delivering our products and services with quality is an integral part of how we do our work and how our products work for our clients. Quality is a commitment that is woven through every aspect of our business in order to provide our customers with the best in class products and solutions.

INNOVATION

Innovation remains at the core of Trimble's identity, as it has from the beginning. Our high level of R & D expenditures ensure we continue to push the frontiers of what is possible.

PRECISION

Trimble delivers industry-leading, centimeter-level positioning technology for applications that require high levels of precision. Customers can rely on the accuracy of measurements, positioning, or orientation.

	GNSS + HEADING / ATTITUDE				GNSS-INTERTIAL + ATTITUDE	
	BD982	BX982	MB-TWO	ABX-TWO	BD935-INS	BX935-INS
						
	100 x 84.9 x 11.6 92	261 x 140 x 55 1600	71 x 46 x 11 24	190 x 58 x 160 1270	67 x 60 x 15 60	149 x 93 x 43 660
	2 x 220	2 x 220	240	2 x 240	336	336
	50	50	50	50	100	100
	L1 / L2 / L5	L1 / L2 / L5	L1 / L2	L1 / L2	L1 / L2 / L5	L1 / L2 / L5
	L1 / L2 / L3	L1 / L2 / L3	L2 / L2	L2 / L2	L1 / L2 / L3	L1 / L2 / L3
	B1 / B2	B1 / B2	B1 / B2	B1 / B2	B1 / B2	B1 / B2
	E1 / E5A / E5B	E1 / E5A / E5B	E1 / E5B	E1 / E5B	E1 / E5A / E5B	E1 / E5A / E5B
	L1 / L5	L1 / L5	L1	L1	L1 / L5	L1 / L5
	L1 / L2 / L5	L1 / L2 / L5	L1 / L2	L1 / L2	L1 / L2 / L5	L1 / L2 / L5
	✓	✓	✓	✓	-	-
	IP / L	IP / L	IP / L	IP / L	IP	IP
	✓	✓	✓	✓	✓	✓
	-	-	-	-	✓	✓
	✓ / -	✓ / -	✓ / -	✓ / ✓	✓ / ✓	✓ / ✓
	-	-	-	-	-	-
	40-pin	DE9 & DA26	28-pin	Various	44-pin	DE9 & DA26

Refer to product specific datasheets for more details.

Typical performance. Actual results are dependent upon satellite configuration, atmospheric conditions and other environmental effects.

INTEGRATION

Trimble products and solutions provide seamless integration for OEMs, whatever the application, with complete product integration no matter how complex. Trimble offers comprehensive, integrated solutions for specialized or custom hardware solutions.

PERFORMANCE

Trimble supplies comprehensive solutions that maximize performance. Our solutions offer specialized design and greater performance required to support a broad range of equipment and applications required by our customers and partners.

RELIABILITY

Trimble offers outstanding reliability in a wide range of guidance or control applications. Built on a solid framework of achievement, accuracy and consistent dependability of performance, customers can trust Trimble solutions.

FLEXIBILITY

Trimble products and solutions are easily adaptable to a diverse range of applications. Our customers benefit from advanced technology that is customizable to fit their specific business requirements. Interoperability provides a mix and match approach to solving customer's needs.

CUSTOMER FOCUS

At the center of Trimble's past, and future, success is an intimate knowledge of the user requirements that can be translated into practical and successful outcomes for the user.

SERVICE & SUPPORT

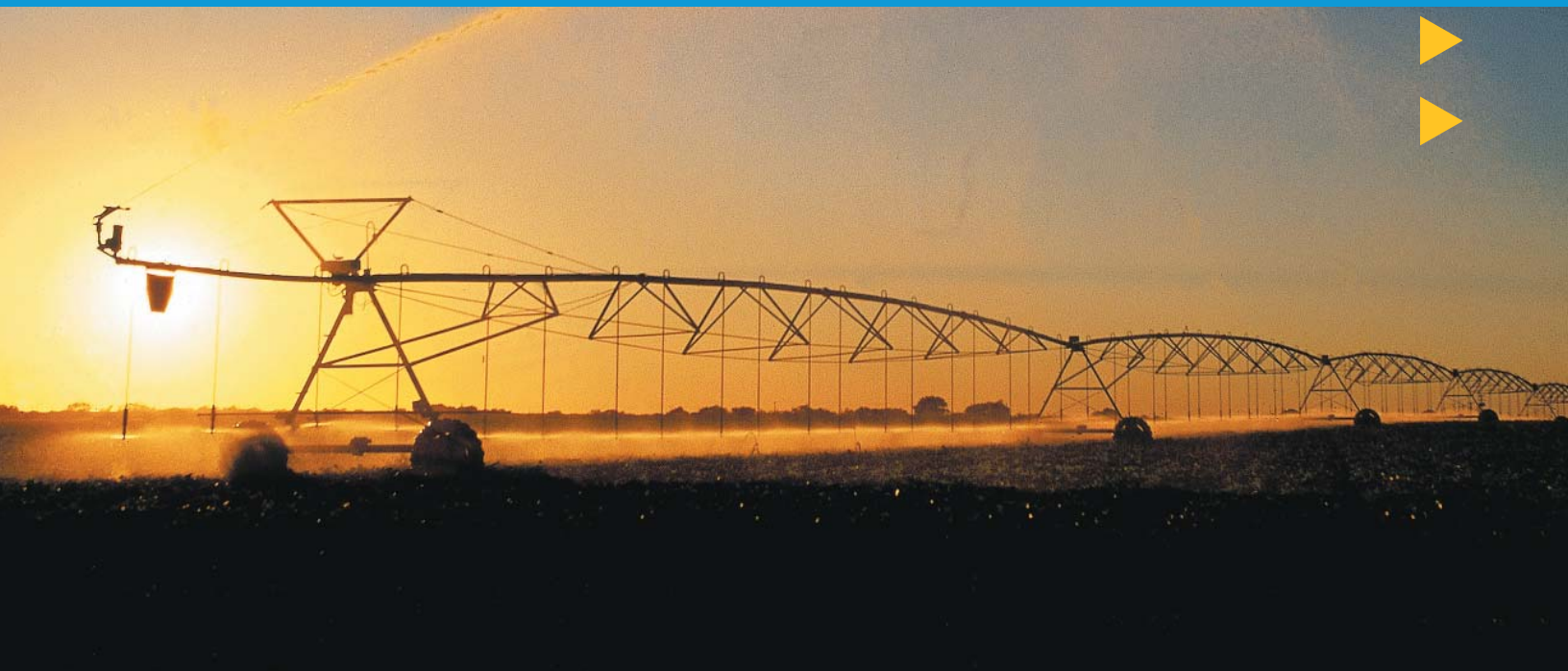
Quality, technology and service are the hallmarks of Trimble. With easy access to customer service, our customers are able to keep running continuously and efficiently. Our goal is your satisfaction, plain and simple.



TRIMBLE OEM GNSS RECEIVERS

Trimble's OEM GNSS offers centimeter-level positioning GNSS technology to system integrators. The GNSS receivers are designed for easy incorporation into specialized or custom hardware enclosures. In addition, Trimble's OEM GNSS receiver modules harness all constellation signals from GPS, GLONASS, Galileo and BeiDou to provide fast cm-level RTK initialization with proven low-elevation tracking. Decimeter positioning options are also available.

Trimble's OEM GNSS receiver portfolio offers a wide range of receiver modules as well as rugged enclosures. The products are designed for rugged dependability. Customers benefit from connectivity options for fast data transfer, as well as receiver configuration via standard web browsers. Industry professionals trust Trimble embedded positioning technologies as the core navigation for their precision applications.



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