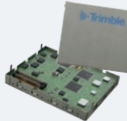


Trimble OEM GNSS Receivers and Enclosures

	BD9250 / BD9250s	BD940	BD940-INS	BX940	AX940 / AX940i	BD990	BD992	BD992-INS	BX992	BD1090	BD1092	BD1092i	BX1092i
													
Technology	Trimble® Maxwell™ 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 7	Trimble Maxwell 8	Trimble Maxwell 8	Trimble Maxwell 8	Trimble Maxwell 8
Size (mm) Weight (g)	71 x 46 x 11 25	51 x 41 x 7 27	67 x 60 x 15 60	149 x 93 x 43 660	221 x 218 x 52 660	100 x 60 x 11.6 54	100 x 60 x 11.6 60	100 x 60 x 11.6 62	185 x 93 x 43 760	100 x 60 x 11.6 54	100 x 60 x 11.6 60	100 x 60 x 11.6 62	185 x 93 x 43 760
Channels	336	336	336	336	336	336	2 x 336	2 x 336	2 x 336	700	2 x 700	2 x 700	2 x 700
Max. Update Rate (Hz)	20	50	100	100	100 ⁴	50	50	100	100	50	50	100	100
GPS	L1, L2, or L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5
GLONASS	L1, L2, or L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3
BeiDou	B1, B2	B1, B2	B1, B2	B1, B2	B1, B2	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1, B2, B3
Galileo	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b E6	E1, E5a, E5b E6	E1, E5a, E5b E6	E1, E5a, E5b E6	E1, E5a, E5b E6	E1, E5a, E5b E6	E1, E5a, E5b E6	E1, E5a, E5b E6
QZSS	L1, L2, or L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5	L1, L2, L5, L6	L1, L2, L5, L6	L1, L2, L5, L6	L1, L2, L5, L6	L1, L2, L5, L6	L1, L2, L5, L6	L1, L2, L5, L6	L1, L2, L5, L6
NavIC	L5, S-Band ¹	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5	L5
SBAS	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5
L-Band or MSS	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trimble ProPoint®	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trimble JammerGuard™	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓
Trimble RTX®	IP or L ³	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L	IP or L
RTK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INS Attitude/ Positioning	-	-	✓	✓	✓	-	-	✓	✓	-	-	✓	✓
Dual Antenna Heading	-	-	-	-	-	-	✓	✓	✓	-	✓	✓	✓
Integrated Wi-Fi , Bluetooth®	-	-	-	-	✓ ⁵	-	-	-	-	-	-	-	-
I/O: USB, LAN, RS232, CAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
I/O Connector	28-pin	80-pin	40-pin	DE9 & DA26	26-pin	44-pin	44-pin	44-pin	DE9 & DA26	44-pin	44-pin	44-pin	DE9 & DA26
Antenna Connector	MMCX	MMCX	MMCX	TNC	MMCX	MMCX	MMCX	MMCX	2 x TNC	MMCX	MMCX	MMCX	2 x TNC

Refer to product specific datasheets for more details.



1. BD9250 does not support S-Band
2. BD9250s does not support L-Band/MSS
3. BD9250s via IP only
4. AX940 50Hz max
5. AX940 does not support Wi-Fi, Bluetooth

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