

OEM GNSS Receivers and Enclosures

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	BD910	BD940	BD940-INS	BX940	BD970	BD982	BX982	BD990	BD992	BD992-INS	BX992	UAS1	MB-Two	ABX-Two
														
Technology	Maxwell 6	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 6	Maxwell 6	Maxwell 6	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Z-Blade	Z-Blade
Size (mm)	41 x 41 x 7	51 x 41 x 7	67 x 60 x 15	149 x 93 x 43	100 x 60 x 11.6	100 x 84.9 x 11.5	261 x 140 x 55	100 x 60 x 11.6	100 x 60 x 11.6	100 x 60 x 11.6	185 x 93 x 43	71 x 46 x 13	71 x 46 x 11	190 x 58 x 160
Weight (g)	19	27	60	660	62	92	1600	54	60	62	760	45	24	1270
Channels	220	336	336	336	220	2 x 220	2 x 220	1 x 336	2 x 336	2 x 336	2 x 336	336	240	2 x 240
Max. Update Rate (Hz)	20	50	100	100	50	50	50	50	50	100	100	50	50	50
GPS	L1	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	L1, L2	L1, L2
GLONASS	L1	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2, L3	L1, L2	L1, L2
BeiDou	B1	B1, B2	B1, B2	B1, B2	B1, B2	B1, B2	B1, B2	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1, B2, B3	B1	B1, B2	B1, B2
Galileo	E1	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b	E1, E5a, E5b,	E1, E5a, E5b,	E1, E5a, E5b,	E1, E5a, E5b,	E1	E1, E5b	E1, E5b
QZSS	L1	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	L1, L2	L1, L2
IRNSS	-	L5	L5	L5	-	-	-	L5	L5	L5	L5	-	-	-
SBAS	L1	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1, L5	L1	L1	L1
L-Band / MSS	-	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	-	✓	✓
Trimble RTX™	-	IP / L	IP / L	IP / L	IP	IP / L	IP / L	IP / L	IP / L	IP / L	IP / L	L	IP / L	IP / L
OmniSTAR®	-	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	-	-
RTK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INS Attitude/ Positioning	-	-	✓	✓	-	-	-	-	-	✓	✓	-	-	-
GNSS Heading/ GNSS Attitude	- / -	- / -	- / -	- / -	- / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -	✓ / -	- / -	✓ / -	✓ / ✓
Connector	80-pin	80-pin	44-pin	DE9 & DA26	24-pin + 6-pin	40-pin	DE9 & DA26	44-pin	44-pin	44-pin	DE9 & DA26	26-pin	28-pin	Various