

OEM GNSS Receivers and Enclosures

	BD940	BD940-INS	BX940	AX940	AX940i	BD970	BD982	BX982	BD990	BD992	BD992-INS	BX992	MB-Two	ABX-Two
														
Technology	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 6	Maxwell 6	Maxwell 6	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Z-Blade	Z-Blade
Size (mm)	51 x 41 x 7	67 x 60 x 15	149 x 93 x 43	221 x 218 x 52	221 x 218 x 52	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 11	190 x 58 x 160
Weight (g)	27	60	660	660	660	62	92	1600	54	60	62	760	24	1270
Channels	336	336	336	336	336	220	2 x 220	2 x 220	1 x 336	2 x 336	2 x 336	2 x 336	240	2 x 240
Max. Update Rate (Hz)	50	100	100	50	100	50	50	50	50	50	100	100	50	50
GPS	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	L1, L2, L5	L1, L2
GLONASS	L1, L2, L3	L1, L2, L3	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
BeiDou	B1, B2	B1, B2	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, B2	B1, B2
Galileo	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, E6	E1, E5a, E5b, E6	E1, E5a, E5b, E6	E1, E5a, E5b, E6	E1, E5b	E1, E5b
QZSS	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	L1, L2	L1, L2
IRNSS	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	L1
L-Band / MSS	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Trimble ProPoint capable	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	-
Trimble RTX™	IP / L	IP / L	IP / L	IP / L	IP / L	IP	IP / L	IP / L	IP / L	IP / L	IP / L	IP / L	IP / L	IP / L
Omnistar®	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	-	-
RTK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INS Attitude/Positioning	-	✓	✓	-	✓	-	-	-	-	-	✓	✓	-	-
GNSS Heading/GNSS Attitude	- / -	- / -	- / -	- / -	- / -	- / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / ✓
Connector	80-pin	44-pin	DE9 & DA26	26-pin	26-pin	24-pin + 6-pin	40-pin	DE9 & DA26	44-pin	44-pin	44-pin	DE9 & DA26	28-pin	Various

Photo photos not shown to scale.
 Refer to product specific datasheets for more information.