

OEM GNSS Receivers and Enclosures

	BD9250	BD9250s	BD940	BD940-INS	BX940	AX940	AX940i	BD970	BD982	BX982	BD990	BD992	BD992-INS	BX992
														
Technology	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 6	Maxwell 6	Maxwell 6	Maxwell 7	Maxwell 7	Maxwell 7	Maxwell 7
Size (mm)	71 x 46 x 11	71 x 46 x 11	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
Weight (g)	25	25	27	60	660	660	660	62	92	1600	54	60	62	760
Channels	336	336	336	336	336	336	336	220	2 x 220	2 x 220	1 x 336	2 x 336	2 x 336	2 x 336
Max. Update Rate (Hz)	20	20	50	100	100	50	100	50	50	50	50	50	100	100
GPS	L1, L2 or L5	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 or L3	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
BeiDou	B1, B2	B1, B2	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
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	E1, E5a, E5b	E1, E5a, E5b, E6	E1, E5a, E5b, E6	E1, E5a, E5b, E6	E1, E5a, E5b, E6
QZSS	L1, L2 or L5	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
NavIC	L5	L5, S-Band	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	L1, L5
L-Band / MSS	✓	-	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓
Trimble ProPoint capable	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓
Trimble RTX™	IP / L	IP	IP / L	IP / L	IP / L	IP / L	IP / L	IP	IP / L	IP / L	IP / L	IP / L	IP / L	IP / L
OmniSTAR®	✓	-	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓
RTK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INS Attitude/Positioning	-	-	-	✓	✓	-	✓	-	-	-	-	-	✓	✓
GNSS Heading	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -	✓ / -
Integrated Wi-Fi, Bluetooth	-	-	-	-	-	-	✓	-	-	-	-	-	-	-
Connector	28-pin	28-pin	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

Photo not shown to scale.
Specification subject to change without notice. Refer to receiver datasheets for further information.