

## TRIMBLE GNSS OEM

Trimble's GNSS OEM division provides original equipment manufacturers (OEM) and system integrators the ability to offer continuous mobile positioning and high-accuracy orientation with precision GNSS technology.

Trimble GNSS for OEMs serve a broad cross-section of major markets with its precise positioning solutions. Some of these applications include geomatics, construction and machine

control, agriculture, mining and unmanned vehicles for air, land and marine. OEMs and system integrators can integrate Trimble's field-proven precision GNSS technology into their products to achieve product differentiation and gain a competitive edge in the marketplace.

Visit [www.Intech.trimble.com](http://www.Intech.trimble.com)



## Trimble OEM GNSS Antennas

© 2010-2015, Trimble Navigation Limited. All rights reserved. Trimble and the Globe & Triangle Logo are trademarks of Trimble Navigation Limited, registered in the United States and in other countries. Zephyr is a trademark of Trimble Navigation Limited. All other trademarks are the property of their respective owners. (08/2015)

**AMERICAS**  
TRIMBLE NAVIGATION LIMITED  
Integrated Technologies  
510 DeGuigne Drive  
Sunnyvale, CA 94085 USA  
+1-408-481-8000  
Email: [americasales-intech@trimble.com](mailto:americasales-intech@trimble.com)

**EUROPE & MIDDLE EAST**  
TRIMBLE NAVIGATION LIMITED  
Integrated Technologies  
Germany  
+49 (6142) 2100-348  
France  
+33 2 28 09 3800  
Email: [emeasales-intech@trimble.com](mailto:emeasales-intech@trimble.com)

**CHINA**  
TRIMBLE NAVIGATION LIMITED  
Integrated Technologies  
Email: [chinasales-intech@trimble.com](mailto:chinasales-intech@trimble.com)

**ASIA - PACIFIC**  
TRIMBLE NAVIGATION LIMITED  
Integrated Technologies  
Email: [asiasales-intech@trimble.com](mailto:asiasales-intech@trimble.com)

**RUSSIA**  
TRIMBLE AVIGATION LIMITED  
Integrated Technologies  
+49 (6142) 2100-348  
Email: [rusesales-intech@trimble.com](mailto:rusesales-intech@trimble.com)



[Intech.trimble.com](http://Intech.trimble.com)



## HIGH PERFORMANCE

Trimble® antennas have been designed to support high accuracy air, land and marine applications. Multiple constellation support improves the number of satellites available for positioning, especially in obstructed environments. Trimble antennas are high-performance multiband GNSS antennas that are built with weather-resistant materials to allow operation in the most rugged of environments.

### Robust, Multipath














Trimble antennas are robust, low-multipath GPS antennas that resist unwanted signal interference or multipath which can cause inaccurate measurements. Multipath is caused by signals being reflected from surfaces such as the ground, surrounding trees, or buildings.

### Flexibility

Trimble antennas come in different designs for applications that require mounting on a pole or flush-mounted to a vehicle. The connection system on the underside of the antennas allow for easy removal of the antennas and protection of the attached cable from the environments.

### GNSS Support

All Trimble antennas offer support for present and future GNSS signals, including GPS, GLONASS, Galileo and BeiDou. This ensures your antennas will operate with your present and most likely future GNSS receivers. This technology means any investment in a Trimble GNSS antenna will last for many years to come.

	Model	Design Type	GNSS Frequency Tracking Band							Gain	Input Voltage	Dimensions		Weight
			GPS	Glionass	Galileo	SBAS	OmniSTAR	BeiDou	L Band			cm	inches	
	Trimble AV33	Aviation	L1	L1	E1	X		B1		43 dB	4.5 V DC – 18 V DC	8.9 cm diameter 2.1 cm height	3.5" diameter 0.084" height	0.213 kg (0.47 lb)
	Trimble AV34	Aviation	L1, L2	L1, L2	E1	X		B1		43 dB	4.5 V DC – 18 V DC	8.9 cm diameter 2.1 cm height	3.5" diameter 0.084" height	0.213 kg (0.47 lb)
	Trimble AV37	Aviation TSO certified	L1, L2	L1, L2	E1	X	X	B1	X	43 dB	5 V DC – 15 V DC	11.9 cm length 7.6 cm width 2.3 cm height	4.7" length 3.0" width 0.92" height	0.283 kg (0.625 lb)
	Trimble AV39	Aviation TSO certified	L1, L2, L5	L1, L2, L3	E1, E2, E5	X	X	B1, B2	X	38 dB	4.2 V DC – 15 V DC	14.27 cm length 11.10 cm width 3.76 cm height	5.62" length 4.37" width 1.48" height	0.386 kg (0.85 lbs)
	Trimble AV59	Aviation	L1, L2, L5	L1, L2, L3	E1, E2, E5	X	X	B1, B2	X	39 dB	4.2 V DC – 15 V DC	14.62 cm diameter 3.89 cm height	5.75" diameter 1.53" height	0.30 kg (0.67 lb)
	Trimble LV59	Land/Vehicle	L1, L2, L5	L1, L2, L3	E1, E2, E3	X	X	B1, B2	X	39 dB	4.2 V DC – 15 V DC	14.62 cm diameter 3.89 cm height	5.75" diameter 2.46" height	0.48 kg (1.06 lb)
	Trimble Zephyr™ 2	Land/Vehicle	L1, L2, L5	L1, L2, L3	E1, E2, E5ab, E6	X	X	B1, B2, B3	X	50 dB	3.5 V DC – 20 V DC	16.5 cm diameter 7.6 cm height	6.5" diameter 3" height	0.64 kg (1.4 lb)
	Trimble Zephyr 2	Geodetic	L1, L2, L5	L1, L2, L3	E1, E2, E5ab, E6	X	X	B1, B2, B3	X	50 dB	3.5 V DC – 20 V DC	33.3 cm diameter 7.9 cm height	13.1" diameter 3.1" height	1.36 kg (3 lb)
	Trimble Zephyr 2	Rugged	L1, L2, L5	L1, L2, L3	E1, E2, E5ab, E6	X	X	B1, B2, B3	X	50 dB	3.5 V DC – 20 V DC	25.4 cm diameter 11.1 cm height	10" diameter 4.37" height	1.8 kg (4 lb)
	Trimble AG25	Land/Vehicle	L1, L2, L5	L1, L2, L3	E1, E2, E5ab, E6	X	X	B1, B2, B3	X	42 dB	3.4 V DC – 12 V DC	16.13 cm diameter 7.62 cm height	6.35" diameter 3.00" height	0.57 kg (1.26 lb)
	Trimble GA810	Land/Vehicle	L1, L2, L5	L1, L2, L3	E1, E2, E5ab, E6	X	X	B1, B2, B3	X	42 dB	3.4 V DC – 12 V DC	16.13 cm diameter 7.62 cm height	6.35" diameter 3.00" height	0.57 kg (1.26 lb)
	Trimble GA830	Land/Vehicle	L1, L2, L5	L1, L2, L3	E1, E2, E5ab, E6	X	X	B1, B2, B3	X	45 dB	5.5V DC – 18V DC	14.9 cm diameter 9.9 cm height	5.87" diameter 3.89" height	0.82 kg (1.8 lbs)
	Trimble L1/L2 Aviation	Aviation TSO certified	L1, L2	L1, L2	E1	X				40 dB	5 V DC – 15 V DC	11.9 cm length 7.6 cm width 1.9 cm height	4.7" length 3.0" width 0.92" height	0.22 kg (0.40 lb)