



Gladiator Technologies, Inc.



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"LN Series" LandMark™ Inertial Systems and Product Models							
Product Family	Description	IMU	VG	AHRS	GPS/AHRS	VG/GPS	INS/GPS
LandMark™ 30	High Performance	✓	✓	✓	✓	✓	✓
LandMark™ 20	Mid Performance	✓	✓	✓	✓	✓	✓
LandMark™ 21	Mid Performance 1" Cube	✓	✓				
LandMark™ 10	Economy Performance & Cost	✓	✓	✓			

LandMark™ "LN Series" Product Family Inertial Performance Comparison								
Export Classification: Commerce ECCN7A994								
Rev. 6/7/10								
PRODUCT FAMILY	LandMark™ 10		LandMark™ 20 eXT		LandMark™ 21		LandMark™ 30	
SPECIFICATION	75°/sec & 2g Accel	300°/sec & 10g Accel	75°/sec & 2g Accel	300°/sec & 10g Accel	75°/sec & 2g Accel	300°/sec & 10g Accel	25°/sec & 2g Accel	350°/sec & 10g Accel
Gyro In-Run Bias °/hour 1σ	25	25	15	15	15	15	8	8
Accel In-Run Bias mg 1σ	0.1	0.25	0.02	0.1	0.02	0.1	0.02	0.08
Gyro Bias Repeat Over Temp °/s Typical	0.1	0.1	0.05	0.05	0.05	0.05	0.03	0.03
Accel Repeat Over Temp mg Typical	3	8	0.5	1.5	0.7	2	0.15	0.8
Gyro Noise °/s / √Hz Typical	0.014	0.02	0.01	0.012	0.01	0.012	0.003	0.006
Gyro Noise °/√Hr Typical	0.59	0.85	0.42	0.51	0.42	0.51	0.13	0.25
Accel Noise mg / √Hz Typical	0.035	0.15	0.025	0.08	0.035	0.12	0.02	0.06
Accel Noise Meters/sec/√Hr Typical	0.015	0.062	0.010	0.033	0.015	0.050	0.008	0.025