









PRODUCTS CATALOGUE











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o in the second of the second	Tactical-grade Inertial Measurement Units IMU-P "Tactical"	Applications Electro-Optical Systems (EOC/IR), Motion Control, Gimbal Monitoring, Anti- Roll Systems	Gyroscopes Bias in-run stability	deg/hr	1
			Gyroscopes Angular Random Walk (ARW)	deg/Vhr	0.2 (Standard A)
			Gyroscopes Angular Random Walk (ARW)	deg/vhr	0.08 (Stabilization S)
			Accelerometers Bias instability in temperature range	mg	0.5
			Accelerometers Velocity Random Walk (VRW)	m/sec/vhr	0.015
i i i i i i i i i i i i i i i i i i i	Industrial-grade Inertial Measurement Units IMU-P "Industrial"	Applications 3D Optical Image Stabilization, Computer Pointing Devices	Gyroscopes Bias in-run stability	deg/hr	3
			Gyroscopes Angular Random Walk (ARW)	deg/vhr	0.3
			Accelerometers Bias instability in temperature range	mg	0.7
			Accelerometers Velocity Random Walk (VRW)	m/sec/vhr	0.017
i annual	GPS Aided Inertial Navigation Systems GPS-INS	Applications UGV, Land Vehicle Navigation, AGV, GPS- Denied Navigation, UAS, Fixed-Wing Aerial	Position accuracy (GPS/SBAS/DGPS/RTK/PPK)	meters	1.2/0.6/0.4/0.01/0.005
			Heading accuracy (real time / post processing)	deg	0.08/0.03
			Pitch and Roll accuracy (real time / post processing)	deg	0.05/0.006
			Gyroscopes in-run stability	deg/hr	1
			Velocity accuracy	meters/sec	0.03
	Out will be the cond	A ! ! !	Heading, static accuracy	deg	0.2
	Optically Enhanced Attitude and Heading Reference Systems OptoAHRS-II	Applications Training for Indirect Fire Control, Stable Heading Compensation	Heading, dynamic accuracy	deg	0.35
			Pitch and Roll, static accuracy		0.05
				deg	
	Optorano n	Compensation	Pitch and Roll, dynamic accuracy	deg	0.08
The a	Attitude and Heading	<u>Applications</u>	Heading, static accuracy	deg	0.8 / 0.3
	Reference Systems AHRS-10B / AHRS-P Basic/Professional	Platform Stabilization, Pointing and Aiming, North Finding and Keeping	Heading, dynamic accuracy	deg	1 / 0.6
			Pitch and Roll, static accuracy	deg	0.2 / 0.05
			Pitch and Roll, dynamic accuracy	deg	0.5 / 0.08
A. Mary	Attitude and Heading	<u>Applications</u>	Heading, static accuracy	deg	0.3
	Reference Systems	Navigation Aiding and	Heading, dynamic accuracy	deg	0.6
	AHRS-II-P Professional	Filtering Solution, Dynamic Motion Control	Pitch and Roll, static accuracy	deg	0.05
			Pitch and Roll, dynamic accuracy	deg	0.08
	Miniature Attitude and Heading Reference System miniAHRS	<u>Applications</u> Micro-UAV; Fire Control for Low Caliber Artillery	Heading, static accuracy	dog	0.3
				deg	0.6
			Heading, dynamic accuracy	deg	0.6
			Pitch and Roll, static accuracy	deg	
			Pitch and Roll, dynamic accuracy	deg	0.2
Contract of the Contract of th	Railway Motion Control Unit RMCU	Applications Railway Monitoring, Navigation Safety, EN 45545, EN 50155, EN 50011	Heading, static accuracy	deg	0.3
			Heading, dynamic accuracy	deg	0.6
			Pitch and Roll, static accuracy	deg	0.1
			Pitch and Roll, dynamic accuracy	deg	0.2
COMMUNIA DE LA MODELLA		Appliestions	Heading, static accuracy	mils	3
	Weapon Orientation Modules WOM/OptoWOM-II	Applications Indirect Fire Control, Weapons Aiming, Stabilization for RWS	Pitch and Roll, static accuracy	mils	1.7
			Gyroscopes in-run Bias stability	deg/hr	1
			Accelerometers in-run Bias stability	mg	0.005
¥			Position accuracy (GPS/SBAS/DGPS/RTK) (MRU-P)		
		Applications Marine Dock Loading, Ocean Platform Stabilization, Marine Navigation, Helideck Monitoring, Survey Vessel Applications Research Buoy, Wave Direction and Energy Analysis, Surge Tracking	Heading accuracy (real time) (MRU-E/MRU-P)	meters	1.2/0.6/0.4/0.01 0.6/0.05
	Motion Reference Units MRU-B/MRU-E/MRU-P Basic/Enhanced/Pro Wave Sensor WS-E and WS-PD Enhanced/Dual Pro		Heave accuracy (All)	deg cm / %	5 / 5
			Surge / Sway accuracy (All)		
				cm / %	10 / 10
			Pitch and Roll dynamic accuracy (All) Output data format (All)	deg	0.03 TSS1, NMEA 0183
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			Position accuracy (GPS/SBAS/DGPS/RTK) (WS-PD)	meters	1.2/0.6/0.4/0.01
			Wave Direction accuracy (WS-E/WS-PD)	deg	1/0.5
			Heave accuracy (All)	cm / %	5/5
			Surge / Sway accuracy (All)	cm / %	10 / 10
			Pitch and Roll dynamic accuracy (All)	deg	0.03
			Output data format (AII)		TSS1, NMEA 0183
OSIO.DTS	Miniature High Precision Digital Tilt Sensors OS3D-DTS	Applications Digital Tilt Monitoring, Robotics, Construction Site	Size	mm	26 x 19 x 7
			Weight	gram	9
			Pitch & Roll, static accuracy	deg	0.05
1	2222 2.0	Safety	Pitch and Roll, dynamic accuracy	deg	0.08