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Works when you do



Zenith GNSS family

GeoMax has a complete GNSS portfolio to fulfill the needs of all users. Ensure ultimate reliability with GeoMax GNSS systems in challenging environments. Providing true cost

effectiveness, these systems are equipped with the latest GNSS technology in the field, helping you increase your productivity and taking your performance to a new level.

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GeoMax GNSS Antennas - Overview

	Zenith15	Zenith25 Pro	Zenith25Pro4	Zenith35 Pro	Zenith35 Pro TAG
NOVATEL MEASUREMENT ENGINE					
RTK technology	GeoMax Q-Lock™			NovAtel AdVance®	
Channels	120			555	
BeiDou tracking	-	B1 (opt)	B1, B2	B1, B2, B3**	
Galileo tracking	-	E1 (opt)	E1, E5b (opt)	E1, E5a, E5b, AltBOC, E6**	
Positioning rate	5Hz	5Hz, 20Hz (opt)	5Hz, 20 Hz (opt)	5Hz	5Hz, 20Hz (opt)
SBAS	EGNOS, WAAS, MSAS, GAGAN			EGNOS, WAAS, MSAS, GAGAN, QZSS***	
TILT & GO					
Single / Dual Mode	-			-	Yes
ACCURACY**					
Static H/V mm (ft) + ppm	3 (.010 ft) + 0.5/5 (0.16 ft) + 0.5	3 (.010 ft) + 0.5/ 5 (0.16 ft) + 0.5		3 (.010 ft) + 0.5/ 5 (0.16 ft) + 0.5	
Kinematic H/V mm (ft) + ppm	10 (.032 ft) +1/20 (.066 ft) +1	8 (.026 ft) +1/ 15 (.049 ft) +1		8 (.026 ft) +1/ 15 (.049 ft) +1	
Static long H/V mm (ft) + ppm	3 (.010 ft) + 3.5 (.011) + .04	3 (.010 ft) + 3.5 (.011) + .04		3 (.010 ft) + 3.5 (.011) + .04	
COMMUNICATION					
GSM/GPRS module	3.75 G			3.75 G	
UHF radio module	Opt.	500 mW, 1000 mW; selectable		500 mW, 1000 mW; selectable	
Bluetooth®	-	Opt.	Included	Included	
WiFi	-	Yes	-	Yes	
Web User Interface	-	-	-	Yes	
Remote Configuration via DynDNS	-	-	-	Yes	
Communication port	USB, serial and power			USB, serial and power	
INTERFACES					
Data recording	Removable microSD card			Removable microSD card and 8 GB internal memory	
GSM / TCP / IP	Removable SIM card			Removable SIM card	
PicPoint / X-Pole support	Yes			Yes	
POWER SUPPLY					
External power / Internal battery	Lemo® plug / Removable Li-Ion 2.6 Ah			Lemo® plug / Removable, Li-Ion 3.4 Ah	
Smart battery	-			Yes	
Operating time (static/rover)	7.5 h / 5 h	9 h / 6 h	9 h / 6 h	8 h / 6 h	
PHYSICAL SPECIFICATIONS					
Dimensions / Weight	Height 95mm (3.74 in) - 198 (7.80 in)/ 1.07 kg (2.36 lbs) without battery			Height 131 mm (5.16 in) - 161 mm (6.34 in) / 1.17 kg (2.58 lbs) without battery	
Operating temperature	-40C (-40F) to 65C (14F)			-40C (-40F) to 65C (14F)	
Protection class / Humidity	IP68, 100%, condensing			IP68, 100%, condensing	
Vibration	Mechanical stress resistant according ISO 9022-36-05			ASAE EP455 Section 5.15.1 Random, MIL-STD-810G, method 514.6E-I	
Shock	Withstands 2m topple over onto hard surface			Withstands 2 m drop onto hard surface	
WARRANTY					
Standard Warranty	1 year			1 year	
Extendable warranty	-	Yes	Yes	Yes	



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Glomass L3 will be provided through future firmware upgrade. Believe to comply. Subject to ICD description availability. * Support of QZSS is incorporated and will be provided through future firmware upgrade when QZSS will be operational. *** Measurement accuracy and reliability are dependent on various factors including satellite geometry, obstructions, observation time, ionospheric conditions, multipath, etc. Figures quoted assume normal to favorable conditions.

GeoMax reserves the right to change, without notice, product offerings or specifications.



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