

# TG Wearable High Precision Positioning GNSS Receiver



The TG is a wearable high precision positioning product with optional sub meter and centimeter level accuracy. Its stylish industrial design is light and strong and can respond to a variety of harsh field operating conditions. The battery is replaceable, which satisfies the demand for a long work day. The TG is compatible with iOS, Android, Windows Mobile operating systems, Bluetooth, Serial COM Ports, various types of tablet PC computers and smart phones. Intelligent terminals allow the TG to provide high-precision positioning data. It can be used in a variety of applications such as electric power inspection, forestry, surveying, pipeline inspection, geological surveying, territorial law enforcement and other fields which require a high level of precision.



	Model	TG-M8N	TG-M8P	TG-F9P	TG-T1(BD910)	TG-T2(BD920)	TG-T3(BD930)	TG-H1(P327)
<b>GNSS</b>	GPS	L1	L1	L1,L2	L1	L1, L2	L1, L2, L5	L1, L2, L5
<b>Performance</b>	GLONASS	Alternative	Alternative	G1,G2	G1	G1, G2	G1, G2, G3	G1/G2, P1/P2
	BD			B1,B2	B1	-	B1, B2	B1, B2,B3
	GALILEO	-	-	E1,E5	E1	E1	E1, E5	E1, E5
	Channels	72	72	184	220	220	220	394
	Time to First Fix	<29s	<29s	<29s	<45s	<45s	<45s	<60s
	Maximum update rate	<=5Hz	<=5Hz	<=5Hz	<=20Hz	<=20Hz	<=20Hz	<=50Hz
<b>Accuracy</b>	Autonomous	2.5m	2.5m	1.5m	1.2m	1.2m	1.2m	1.2m
	SBAS	2m	-	-	0.5m	0.5m	0.5m	0.5m
	DGPS	1.5m	-	-	0.25m	0.25m	0.25m	0.3m
	RTK	-	2.5cm+1ppm	1cm+1ppm	0.8cm+1ppm	0.8cm+1ppm	0.8cm+1ppm	0.8cm+1ppm
	Atlas	-	-	-	-	-	-	H10(4cm) H30(15cm) H100(50cm)
<b>Communications</b>	Bluetooth	Compatible with Android / Windows Mobile / iOS						
	Serial port	√						
<b>Overview</b>	Dimension	137mm x 72mm x 50.4mm						
	Weight	<350g						
<b>Environment Specification</b>	Operating temperature	-20°C ~ +60°C						
	Storage temperature	-30°C ~ +70°C						
	Sand, dust&water	IP67						
	Drop	1.5m						
<b>Power</b>	Detachable battery	3400mAh, 7.2V						
	Working time	>=24H			>=10h			>=8h
	Charging time	2.5h, via cable						
<b>Accessories</b>	Standard	Battery, Power Adapter, Fischer to DC IN cable, Arm band						
	Optional	Battery, DB9 to Fischer cable, Fisher to TNC cable, TNC to TNC cable, docking station, backpack						