

**Spec of GPT800 BT GPS Receiver**



General	Data	Format	
Manufacturer	GoPass Technology Corp	text	
Model Number	GPT800	text	
<b>GPS Receiver</b>			
Chipset	SiRF Star III	text	
Channels	20	number	
Sensitivity	-159	dBm	
Frequency	L1, 1575.42	mhZ	
C/A Code	1.023	mhZ	
Data Rate	38400	bps	
Protocol	NMEA0183 (V3.01)	text	
Datum	WGS-84	text	
Internal Antenna Type	Patch	text	
<b>Bluetooth</b>			
Bluetooth Version	1.1	1.1 or 1.2	
Bluetooth Class	2	2 or 3	
Operating Distance	10	meter	
Bluetooth Chip	CSR	text	
Bluetooth Profile	Bluetooth serial port prctext		
<b>Performance</b>			<b>Features</b>
Position Accuracy	10	meter 2D RMS	SiRF Star III chipset
Velocity Accuracy	0.1	m/sec.	20 channel all-in-view tracking
Time Accuracy	100	ns	Very high sensitivity: -159 dBm
Hot Start Time	1	seconds	Built-in WAAS/ EGNOS demodulator
Warm Start Time	38	seconds	Extremely fast TTFF (time to first fix)
Cold Start Time	42	seconds	GPS and Bluetooth two in one receiver
Reacquisition Time	100	ms	Rechargeable and removable Li-ion battery
Update Rate	1	x per second	·Embedded Bluetooth module for wireless connection
Sensitivity Tracking	-159	dBm	Compact size suitable for space sensitive applications
Maximum Altitude	18000	meter	·Superior sensitivity for urban canyon & foliage environment
Maximum Velocity	515	m/sec.	·With LED indicators for GPS, Battery and Bluetooth status
Maximum Acceleration	4	g	Built-in low noise high sensitivity active patch antenna
<b>Battery</b>			External antenna port for active MMCX antenna
Capacity	680	mAh	Dimensions: 41mm (W) * 67mm (L) * 22mm (H)
Technology	Li-ion rechargeable	text	Weight: Less than 55 grams (with battery)
Changeable	removable & changeable	text	
Input Power	5V, 1A DC input	text	
Power Jack	Mini USB Type B	text	
Weight of Battery	15	grams	
Operation Temperature	-20 - 70	°C	
<b>LEDs</b>			
Bluetooth	yes	yes/no	
Battery status	yes	yes/no	
GPS Status	yes	yes/no	
External Power	yes	yes/no	
<b>Accessories</b>			
Rechargeable Battery	yes	yes/no	
Travel Power Adapter	yes	yes/no	
Car Cigarette Lighter Adapter	yes	yes/no	
USB-Mini USB Charging Cable	yes	yes/no	
Tool CD with Testing Program	yes	yes/no	
Quick Installation Guide	yes	yes/no	
External Antenna Port	yes (MMCX connector)	yes/no	
<b>Dimensions &amp; Conditions</b>			
Dimensions of the Receiver	67 * 41 * 22	(L) x (W) x (H) mm	
Weight (including battery)	55	grams	
Operating temperature	-20 - 60	°C	
Operating humidity	5 - 95	%	
Storage temperature	-40 - 80	°C	
Packing	color box	text	
Carton Size	48 * 32 * 30cm (1.70 cu	20pcs/ carton	
Gross Weight	9.50 kgs	20pcs/ carton	
<b>Certifications</b>			
CE	yes	yes/no	
FCC	yes	yes/no	

R&TTE	yes	yes/no
E-Mark (for car adapter)	yes	yes/no

**Commercials**

Availability	yes	yes/no
Leadtime for samples	3	days
Leadtime for quantity order	3	weeks