

Spec of GPT800 BT GPS Receiver

General	Data	Format
Manufacturer	GoPass Technology Corp	text
Model Number	GPT800	text
GPS Receiver		
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
Bluetooth		
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 protocol	
Performance		
Position Accuracy	10	meter 2D RMS
Velocity Accuracy	0.1	m/sec.
Time Accuracy	100	ns
Hot Start Time	1	seconds
Warm Start Time	38	seconds
Cold Start Time	42	seconds
Reacquisition Time	100	ms
Update Rate	1	x per second
Sensitivity Tracking	-159	dBm
Maximum Altitude	18000	meter
Maximum Velocity	515	m/sec.
Maximum Acceleration	4	g
Battery		
Capacity	680	mAh
Technology	Li-ion rechargeable	text
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
LEDs		
Bluetooth	yes	yes/no
Battery status	yes	yes/no
GPS Status	yes	yes/no
External Power	yes	yes/no
Accessories		
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
Dimensions & Conditions		
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
Certifications		
CE	yes	yes/no
FCC	yes	yes/no



Features

- SiRF Star III chipset
- 20 channel all-in-view tracking
- Very high sensitivity: -159 dBm
- Built-in WAAS/ EGNOS demodulator
- Extremely fast TTFF (time to first fix)
- GPS and Bluetooth two in one receiver
- Rechargeable and removable Li-ion battery
- Embedded Bluetooth module for wireless connection
- Compact size suitable for space sensitive applications
- Superior sensitivity for urban canyon & foliage environment
- With LED indicators for GPS, Battery and Bluetooth status
- Built-in low noise high sensitivity active patch antenna
- External antenna port for active MMCX antenna
- Dimensions: 41mm (W) * 67mm (L) * 22mm (H)
- Weight: Less than 55 grams (with battery)

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