

Sports Edition **66-CH nano GPS Sports Recorder™ (AGPS support)**

Model: BT-Q1300S

Features:



Sports Armband included

Hardware:

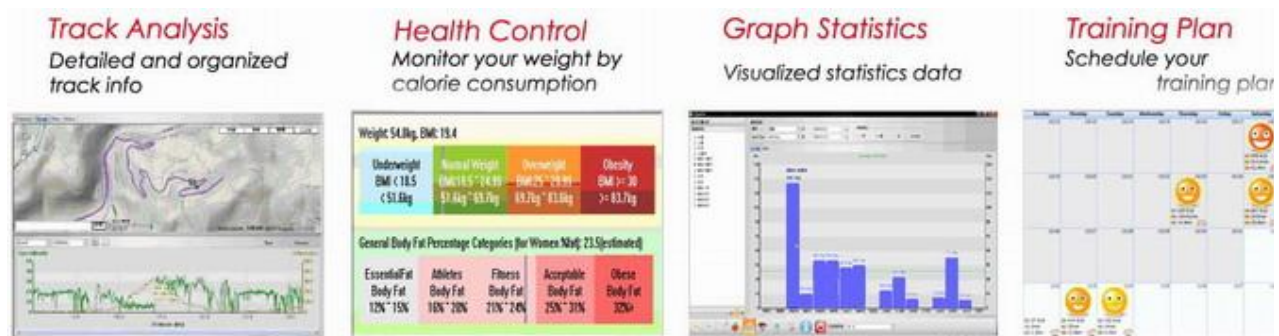
- Adopt the latest MTK II chipset with high sensitivity -165dBm and Super High **66-Channel** tracking
- Lower power consumption up to 12hrs for travel recording
- Stand-Alone travel recorder to log up to 200,000 records (*1)
- Slim, Thin, Light, and Stylish design, only 62L x 38W x 7H (mm)
- Less than 15-Sec. AGPS fix support: download almanac data to realize faster TTFF and positioning under warm start
- Update Rate 1~5Hz changeable by utility provided (receive 5Hz update rate only, logging only 1Hz maximum)
- G-Mouse + Bluetooth in one: wired and wireless GPS receiver
- One button touch to activate Power, LOG, and POI easily
- Support Multi-mode setting to record data (Vehicle, Bicycle, Jog)
- Support button push manually to memorize your favorite location immediately
- Fast Position Fix ,Cold start 35s, Warm start 33s,Hot start 1s
- Auto On-Off function for smart power control
- Auto Log On-Off function to save as much as memory during your travel
- Personal/Portable Navigation (PDA, Smartphone, PC, etc.)
- DGPS(WAAS+EGNOS+MSAS) support

*1 The waypoints would be decreased when the more options of Log Format are selected

Dual Software:

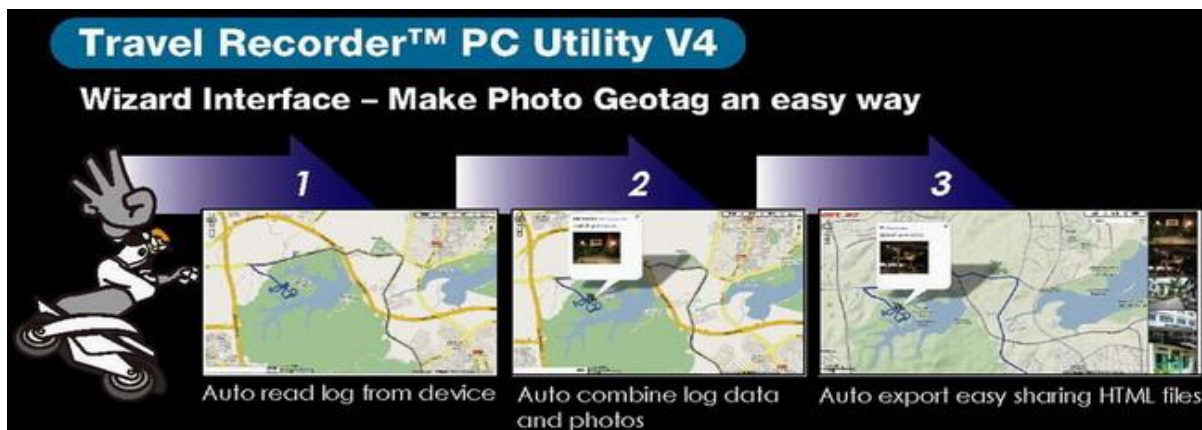
1. QSports™

- With Database Structure, Track Analysis, Health Control, Graph Statistics, and Training Plan
- Store data with database structure
- Record and manage your various activities
- Be your sports mate for health control
- Graph sports statistics data and track playback
- Convenient multiple active user access



2. Travel Recorder™ PC Utility V4

- With built-in Google Map, Multi-language support, and Visualization UI
- Provide QSports
- Wizard interface for Utility to easily manage importing and exporting tracks
- Auto track split function helps you organize your travel path
- Support Track Edit function allowing you to remove unnecessary waypoints
- Track playback function, changeable different track color and name
- Active NMEA protocol VTG / GLL manually via Qstarz setup tool
- Output your travel record as GPX / PLT / CSV / NMEA / Google Earth file format.
- Draw your navigation path immediately on Google Earth as default
- Support GeoTagging function for digital photo and generate KMZ file easily



Specifications:

General		Accuracy (none DGPS)	
GPS Chip	MTK II GPS Module	Position	
Frequency	L1, 1575.42MHz	Without aid: 3.0m 2D-RMS <3m CEP(50%) without SA(horizontal) DGPS (WAAS, EGNOS, MSAS): 2.5m	
C/A Code	1.023MHz chip rate	Velocity	Without aid: 0.1m/s, DGPS(WAAS, EGNOS, MSAS): 0.05m/s
Channels	Super High 66 CH tracking	Time	50 ns RMS
Antenna (Internal)	Built-in patch antenna with LNA	Datum	WGS-84
Sensitivity		Dynamic Conditions	
Tracking -165 dBm		Altitude	<18,000m
Acquisition Rate		Velocity	<515m/sec
Cold Start	35 sec, average	Acceleration	<4g
Warm Start	33 sec, average	Update	1~5Hz (1Hz as default) – 5Hz for receive only
Hot Start	1 sec, average	Interface	
Reacquisition	< 1 sec.	Bluetooth	V1.2 compliant (SPP profile)
AGPS	<15 sec		Class 2 (10 meters in open space)
Power			Frequency: 2.4~2.4835 GHz
Built-in rechargeable Li-ion battery		Power On/Off	Button press
Input Voltage	Vin: DC 3.0-5.0V	Power Charge	Mini USB
Backup Voltage	DC 1.2 ± 10%	GPS Protocol	
Charging time	1hrs. (Typical)	NMEA-0183 (V3.01) – GGA, GSA,GSV, RMC(default); VTG, GLL(Optional) , Baud rate 115200 bps, Data bit : 8, stop bit : 1(Default)	
Environmental		Device Size / Weight	
Operating Temperature	- 10 °C to + 60 °C	62 (L) X 38 (W) X 7 (H) mm / 22g	
Storage Temperature	- 20 °C to + 60 °C	USB Bridge	
Charging	0 °C to + 40 °C	Accessories	
Car Charger	USB Cable	Standard	Fully Compliant with USB2.0
Quick Guide	Software CD	Full - Speed	12Mbps

Specification is subject to change without prior notice.
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Sports Armband			
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