



TROJAN TRACKERS

Semper in Praestigiae

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PRODUCT SPECIFICATIONS: Guardian

Item(s)	Performance
GSM Frequencies	GSM Quad band 850/900/1800/1900 MHz
GPRS	Class 12
Lithium Battery	1300 mAh / 2000 mAh Li-polymer 3.7V
SIM Card	Micro SIM card
Charging Voltage	DC 4.75-5.25V/400mA MiniUSB port Charger
GPS Chipset	U-Blox G6010-ST 50 Channels, GPS L1 frequency, C/A code Horizontal position accuracy (Autonomous) < 2.5m Time to First Fix Cold start 29s Warm start 19s Hot start <1s <1s acquisition, -147 dBm coldstart acquisition sensitivity Support u-blox AssistNow Online A-GPS service, OMA SUPL compliant
GPS Antenna	25*25*4mm GPS full directional patch antenn Gain at Zenith 5dBic @ 1575 MHz co Gain at 10° elevation -1dBic @ 1575 MHz
Embedded GPS External Antenna Port	Voltage-in 3V Standard MMCX port Impedance 50Ω
LED lights	1 Blue indicator for GPS 1 Green indicator for GSM 1 Green & 1 Red LED indicator for Power/Charging
Buttons	Programmable button X1 Power button X1 Reset button X1

Key benefits:

- GSM Quad band 850/900/1800/1900 MHz
- GPS (High performance U-Blox GPS system)
- MAX 5 months standby time by one charging
- Battery: 2000mAh
- UDP/TCP/IP/SMS supported
- Fully configurable firmware
- ST 3-Axis Sensitive motion detection
- Optional external GPS antenna support
- Extensible Mini USB port
- Programmable LED indicator
- Location based on MAX 6 GSM cell IDs
- Customizable scheme for front/back cover/LENS
- PTCRB & FCC certified
- RoHS compliance

Product Description:

The Guardian is simply stunning in its performance. Boasting the very latest GPS receiver from UBlox and using a new 3G modem, the Guardian simply pours out performance even under extreme conditions.

The Guardian can store 10 thousand positions on its internal memory, this is great when GPRS is not available. The Guardian will simply store it and send the data to our servers when the network does become available. Another good reason why the Guardian performs to a high standard is because size of the internal GPS antenna, this has also contributed towards a device that can get a GPS position even when it is placed in difficult environments

To learn more, Please call: +44 (0) 7769 269 499 or visit us at: www.trojantrackers.com