



## Personal/Vehicle/Asset Tracker

Feature	Description
Solution	GSM/GPS Tracker, candy-bar format; remotely configurable
Platform	Based on STAR-Let 200 GSM/GPRS module; uses CCww protocol stack, diagnostics and application code throughout
Frequency	Quad-Band 850MHz/900MHz/1800MHz/1900MHz
Enclosure Size	72mm*43mm*16mm
PCBA Size	30mm*30mm*6mm
Memory	NOR+SDRAM, 64+32 Mb
RTC	Battery back-up enables deep-sleep (60uA) and auto wake-up
GPS	A-GPS for fastest fix, using SiRF STAR-III
Speaker	(Option)
MIC	(Option)
G-Sensor	3D; option to 'deep sleep' and wake up on g-threshold
USB Port Interface	10 pin mini-USB for charger, debug and software download
Micro-SD Interface	Optional
SIM Interface	Standard SIM card holder
GSM Antenna	Embedded
GPS Antenna	Embedded 13*13 standard GPS passive antenna
Keys	Power on/off Key and SOS Key (sends location, initiates call) (Option: 'volume-like' side Key x 2) (Option: speed Dial Key x 5)
Battery	750mA/hr Li-ion battery; up to 35 days depending on configuration
LED	3pcs (red-GSM, blue-charge, yellow-movement); programmable
Application	Can be dormant; tracking switched on by movement/ real-time clock with configurable interval Application options include: <ul style="list-style-type: none"> <li>• remote management/configuration via SMS/GPRS</li> <li>• accident or movement alert</li> <li>• changes to information sent via GPRS or SMS</li> <li>• SIM lock</li> <li>• store and forward position data when network temporarily unavailable</li> </ul> - please send your requirement to CCww
Optional Hardware	Hardware options includes: <ul style="list-style-type: none"> <li>• dual-band (GSM 900/1800)</li> <li>• enclosure re-design</li> <li>• micro-SIM, chip SIM</li> </ul> - please send your requirement to CCww

CCww offers a full mechanical, electronic and software design service, samples and volume production.

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Specification above is preliminary and refers to evaluation units, and is subject to change.