



## GPS IP68 Waterproof Parolee Tracker MT-200X

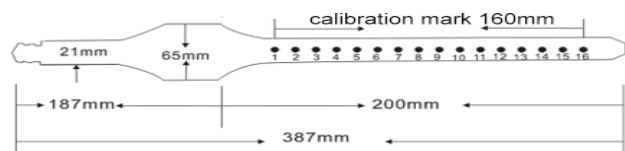
- \*AES128 Encryption
- \*Waterproof IP68
- \*AGPS position assisted , WiFi /LBS position assisted when no GPS
- \*SMS and GPRS (TCP/UDP) communication
- \*Real time tracking
- \* SOS button
- \*Data logger in no GSM signal area by flash (64M-bit) and send back data for compensation when GSM signal is back



\*Vibration alarms includes :

- Exit Geofence
- Enter Geofence
- Near Geofence / Restricted area
- Unauthorized bracelet off / bracelet on
- Bracelet cut off
- Tampering by hitting
- No GPS signal
- No RF (No GPS + No WiFi signal)
- No GSM/ GPRS /3G signal
- Move out from specific route
- Over speed limit
- Low battery alarm

### Bracelet drawing and dimensions



Items	Specification
EM size	70*64*22mm
Bracelet size	As attached
Net weight (include EM& bracelet& lock)	234g
Operating temperature	- 20 ~ +55C

GSM module	SIMCOM 5320E Support WCDMA900MHZ/WCDMA2100MHZ
GPS chipset	Ublox 7 chip
WIFI module	CDT-N582660-00
Position accuracy	<10M,2D RMS
Velocity accuracy	0.1M/S
Time accuracy	Satellite time : 1 microsecond time synchronization
Update time	Average 0.1 second
Hot start up	Average 3 second
Cold start up	Average 27 second
Max. altitude	18,000m (Max.60,000ft)
Max. speed	500m/s(Max. 1000 knots)
Max. acceleration	Less than 4g
Working time	Send data every 2 minute working > 24 hours
Charging time	Upon low battery alarm at 20% , less then <2 hours
Internal battery	4.2V, 1500mAH