

PERSA

ACTIVITY TRACKER

GL300VC

Persa, our activity tracker, is a simple and convenient tracking solution for the mobile worker. Persa is compact in size and can easily be placed in a pocket or when paired with one of our wearable options.

Persa helps increase personal safety and accountability for the mobile worker while giving the employer peace of mind. It is easy to use with its single button alert function that works in nearly any environment.

- 📍 Vibration Feedback Confirming Successful Button Operation
- 📍 Thumb Sized Button Allowing Easier Alert or Instant Geo-Fence Setting
- 📍 Water Resistant
- 📍 Full Power Management

ADVANTAGES:

- Water resistant
- CDMA2000 -1xRTT
- Internal u-blox chipset
- Internal CDMA/GPS antennas
- Thumb sized button allowing easier duress alert or instant geo-fence setting
- Low power consumption, long standby time with internal battery
- Internal 3-axis accelerometer for power conservation and motion detection
- Full power management, can be connected to external DC power or battery
- FCC/Verizon certified



PERSA ACTIVITY TRACKER SPECIFICATIONS:

CDMA Specifications

Frequency	Dual band: BC0/BC1 Compliant to CDMA2000 - 1xRTT
Max Data Rate	153.6 Kbps
Max Out RF Power	23 ~ 25 dBm
Min Out RF Power	< -50dBm
Dynamic Input Range	-25 ~ -110 dBm
Receiving Sensitivity	BC0: -110 dBm BC1: -107 dBm
Max Frequency Error	800MHz band: ± 300 Hz 1900 MHz band: ± 150 Hz

GPS Specifications

GPS Chipset	56-channel u-blox All-In-One GPS receiver
Sensitivity	Autonomous: -147 dBm Hot start: -156 dBm Tracking & Navigation: -160 dBm Reacquisition: -162 dBm
Position Accuracy	Autonomous: < 2.5m SBAS: > 2.0m
TTFF (Open Sky)	Cold start: 27s average Warm start: 27s average Hot start: 1s average

Interfaces

Digital Inputs	One positive trigger for ignition detection One negative trigger input for normal use
Power Button	Power on and power off, can be disabled by the Air interface protocol
Function Button With Vibration Feedback	Duress alert or instant geo-fence
CDMA Antennas	Internal only
Indicator LED	CDMA, GPS and battery status
Mini USB Interface	For external power and configuration



General Specifications

Dimensions	78.5mm x 38.5mm x 22.5mm
Weight	67g
Internal Battery	Li-Polymer 1300 mAh
Water Resistance	IPX5 Compliant
Charging Voltage	5V DC
External Battery Voltage	3.5V to 4.2V DC
Operating Temperature	-20°C ~ +55°C

Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status according to preset time schedules
Geo-fence	Support up to 5 internal geo-fence regions
Power On/Off Report	Report when the device is powered on or off
Low Power Alarm	Alarm when battery is low
Duress Alert Alarm	Duress alarm when function key is pressed
Special Alarm	Special alarm based on digital input
Motion Detection	Motion alarm based on internal 3-axis accelerometer