Smart GPS hard hat

◇ Product model name	RF-V49L

◇ Host specifications		Details
◇ Operation system		mocor5
◇ Chip platform		SL8521E
* Main frequency		1.2GHz
* Structure		Dual-core ARM CortexTM A7MP processor
* Core quantity		Double cores
◇ Support network frequency		GSM/ WCDMA/ FDD
◇ Frequency		GSM B2 B3 B5 B8
		WCDMA B1 B2 B5 B8
		FDD B1 B2 B3 B4 B5 B8 B12 B20 B28
		TDD B38,39,40,41
◇ Data rate		2G Data: EDGE
		3G Data: DC-HSPA+\4.2\2.2Mbps
		4G Data: CAT4
WIFI	* WiFi	Supports
	WiFi chips model	Built-in
	WiFi Standard	802.11b\802.11g\802.11n
	WiFi Hotspot	Not support
	WiFi data transfer function	Supports
◇ Camera resolution:		5 MP
◇ SIM card type		Nano SIM card

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◇ Storage		Description
* Chip IC, supplier		PN614G8D2TE-B8BE0,XTX
* Memory type (ROM\RAM)		NAND+LPDDR2
* Memory capacity: RAM+ROM		512M+4GB
* External memory card\type		Not support
Voice call type	* VOLTE	Supports
	* CA	Not support
	* CSFB	Supports
	* SG-LTE	Not support
	* SV-LTE	Not support
	* SRLTE	Supports
	* EmBMS	Not support
	* Video call	Supports

◇ Special features	Description
Ultra-low power consumption	Supports
Blind spot supplement upload	Supports
Position drift processing	Supports
Lithium battery charging protection	Supports
Indicators\types	Red/Blue
LED sensor lights	Supports, red & blue LED lights colors
Charging boot	Supports
Audio	Supports with buzzer
Button	4 buttons

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◇Positioning functions		Description
GPS	* GPS	Supports
	Chip module:	Main chip internal integrated
	GPS signal:	L1,1575.42MHz C/A code
	GPS channel number:	22 channels
	GPS receiving sensitivity	Trace: -165dBm, Capture: -148dBm
	GPS accuracy	5-15m
	GPS Antenna	LDS/ceramic
	* AGPS	Supports
	AGPS fast position time:	Cold boot within 26 sec to locate
WiFI	* WiFi hotpot tracking	Support
	WiFi accuracy	5-30M (Need offer Google API license)
LBS	* LBS Sim base tracking	Supports
	LBS accuracy	100-1000M (Need offer Google API license)

◇Other parameters	Description
Battery capacity	4000mAh
Average standby current	10mA/h
Average working current	20mA/h (position frequency every 10 minutes)
Working Temps	-20 ~ 70℃
Working Humidity	5% to 95% nonsolidifying

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◇Management System		Description
Web System	Monitoring page	Support Web monitoring, summary of key data
	Position mornitoring	Location monitoring support classification, grouping, single and other multi-level view
	GEO-fence	Geo fence function Supports circular and custom polygonal settings, also supports grouping set electronic fences
	Alarm management	Multi-dimensional report statistics and export
	Photos file	Multi-dimensional picture statistics and export
	Voice file	Multi-dimensional voice file statistics and export
	Device management	Multi-dimensional ID list statistics and export
	Account	Support independent multi-level authority settings and employee management
Smart Phone App	Real-time tracking	Real time location monitoring and Adjust positioning frequency
	Historical	Check the historical within 180days
	GEO-fence	Set up GPS location and WiFi hotspot fence
	healthy	Step counting, calorie consumption,
	conversation	Two-way voice call one-way call initiated by the manager Two-way voice message via App
	Setting	the setting such as :On-site picture reporting, clocking in/out of get off work, GEO-fences setting , alarm for removing hard hat, automatic voice prompts,
	Urgently find someone	Tracing by GPS position ,tracing by picture onsite, tracing by lights, tracing by siren ,
	Alarm list	Display the alarm list of the smart helmet, such as removing the hat, falling, SOS, low battery, and entering and exiting the GEO fence.

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◇ Product model name	RF-V49L

◇ Structure and appearance	Description
◇ Product modeling	Smart GPS hard hat/ helmet
◇ physical dimension	290*235*150mm
◇ Weight	550g
◇ Color options	Yellow/ Red
◇ Packaging accessories	**Description**
◇ Host	available
◇ User manual	available
◇ Screws and scres driver	available
◇ USB cable\type	Magnet USB cable