V28C DataSheet - Wearable SOS GPS Tracker

◇ Host specifications		Details
◇ Chip platform		ASR3603S
◇ Support network frequency		GSM \ WCDMA \ FDD-LTE \ FDD-TDD
◇ Versions and Frequency bands		**V28C-A (Global Version):** 4G-FDD: Band 1/2/3/5/7/8/20 4G-TDD: Band 38/39/40/41 3G-WCDMA: Band 1/2/5/8 2G-GSM: Band 2/3/5/8
		V28C-B (America Version): 4G-FDD: Band 1/2/4/5/7/12/17/28A 3G-WCDMA: Band 1/2/5 2G-GSM: Band 2/5
◇ SIM card type		Single Nano SIM card
◇ Receive diversity		Supports
◇Positioning functions		**Description**
GPS	* GPS/BDS/GLONASS	Supports
	Chip module	Main chip internal integrated
	GPS signal	L1,1575.42MHz C/A code
	GPS channel number	22 channels
	GPS chip scale receiving sensitivity	Trace: -165dBm Capture: -148dBm
	GPS accuracy	5-15m
	GPS Antenna	Ceramic antenna
	* AGPS	Supports
	AGPS fast position time	Cold boot within 26 sec to locate
LBS	* LBS position	Supports
	LBS accuracy	100-1000M (base on Amap database)
WIFI	* WiFi position	Supports
	WiFi Standard	802.11b\802.11g\802.11n
	WiFi accuracy	5-50M(base on Amap database)

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◇ Special features	Description
Ultra-low power consumption	Supports
Lithium battery charging circuit	Supports
Lithium battery charging protection	Supports
Web portal and Mobile App	Supports
Historical route check	Supports
Phone calls	Supports
SMS text commands	Supports
Blind spot supplement upload	Supports
Position drift processing	Supports
Audio (microphone and speaker)	Supports
Remote voice monitoring	Supports
Remote photo taking	Supports
◇ Parameters	**Description**
Front camerca	0.3 Megapixel
Power supply	Built-in 750mAh rechargeable lithium-polymer battery
Average standby current	4mA/h
Average working current	8mA/h (default 10-minute upload interval)
Working Temps	-20 ~ 70℃
Working Humidity	5% to 95% non-condensing
Waterproof	Support IP67
◇ Appearance	**Description**
◇ Product modeling	Pendant type with Wearable band
◇ Control & Buttons	SOS key*1, Photo key*1, Quick-dial key*1, Reset hole*1
◇ Product dimension	47*43.5*14.5mm
◇ Weight	34.3g(host-only); 52g (including-wristband)
◇ Color options	Black+Orange, White+Cyan
◇ Packaging	**Description**
◇ Package type	GiftBox with transparent window
◇ Host	1*V28C tracker pendant
◇ User manual	1*User guide
◇ USB cable\type	1*Magnet USB charging cable
◇ Tools	1*Reset pin
◇ Lanyards	1*Neck-lanyard, 1*Loop-lanyard
◇ Wristband	1*Silicone Wristband

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◇App and software		Description
◇ UI Style		Squared Up
◇ Software functions	Real-time Tracking	check location, adjust upload intervals and navigate to the wearer.
	Historical Route	Check daily location history for up to 90 days.
	Geo-fence	1. GPS Fence: Monitor GPS location and detect when the wearer enters or exits the fence. 2. Wi-Fi Fence (for Android App only): Monitor Wi-Fi location and detect when the wearer enters or exits the fence.
	Health	1. Step counting (health steps) 2. Pill Alarm 3. Sedentary reminder
	Conversation	1. Call to Tracker (two-way call) 2. Voice monitoring (one-way)
	Settings	Configure the watch settings, such as: 1. About the device 2. Password setup 3. Center number setup 4. SOS number setup 5. Phonebook (Whitelist) 6. SMS alert switch 7. Safe mode (block unfamiliar calls) 8. Scene mode setup 9. Clock alarm 10. Ring your tracker 11. Answer mode setup 12. Talking clock 13. Fall alarm 14. Timing switch (scheduled power on/off) 15. Remote reboot 16. Remote power-off 17. Restore factory settings
	Photo	Photo: Remote taking photos Picture: View/Delete photos
	Alert list	View all alerts triggered by the tracker, including offline status, low battery, SOS alarm, fall alarm, removal alarm, and geo-fence events, etc.
	Remind setting	Enable all options to receive alert notifications. *Ensure app notification permissions are on in the smartphone.