

N50 specification			
项次 (Item)	功能 (Feature)	规格描述 (Specification description)	需要标注信息 (Remark)
外形/ID	ID		
	颜色/Color:	玛瑙黑 Agate Black 酒红色 Wine Red	
包装参数	手表尺寸	49mm*40mm*13.5(H)mm 50g	
	包装尺寸	160mm*72mm*44mm	
	整套重量	139g	
	外箱尺寸	整箱尺寸: 380mm*330mm*470mm	
	整箱重量	100台/箱 重量: 14.3KG	
关键部件 Key Component	主控 (Main Chip)	ASR3603S+803	3603S主控+配套803电源芯片
	显示器 (Display)	1.83英寸彩屏 1.83-inch color screen	高清全贴合 分辨率: 240*284 Full-laminated HD; resolution: 240*284
	TP	2.5D	GF 全贴合工艺、6H 表面硬度、2.5D 弧形钢化玻璃 GF Full Lamination Process, 6H Hardness, 2.5D Curved Tempered Glass
	DDR存储器 (ROM)	24MB	
	Flash存储器 (Flash Memory)	16MB	
	电池 (Battery)	聚合物830mAh (精工保护板) Polymer 830mAh (Seiko protection board)	不可拆卸电池 non removable battery
	喇叭 (Loudspeaker)	支持 /support	0715 高音 超大磁 / 0715 High pitch; super large magnet

	马达(Motor)	支持/support	强力扁平马达 / Powerful flat motor
	咪头(Microphone)	支持/support	4015 防水 强抗 / 4015 Waterproof; Strong resistance
	SIM卡槽 (SIM socket)	单SIM/Single SIM	卡托式/Cato style
	充电接口 (Charge Port)	磁吸/Magnetic attraction	
	USB接口 (USB Jack)	磁吸/Magnetic attraction	micro 4pin
摄像头Camera	带摄像头	30W	
AI	AI语音键 AI voice key	支持/support	支持一键语音 / Support one-click voice
数据/Data	GPS+WIFI+LBS	仅限定位	For positioning only
	频段 frequency band	支持/support	GSM:Band B2 B5 WCDMA:B1 B2 B5 FDD:B1 B2 B4 B5 B7 B12 B13 B17
	Data link	GPRS	
	GPS	支持/support	支持
	NFC	可选无源NFC/Optional passive NFC	
传感器 Sensor	速度传感器三轴(Three axis speed sensors)	支持/support	
	心率传感器 (The heart rate sensor)	动态心率/Dynamic heart rate	
	温度监测 Temperature monitoring	支持/support	
	体温心率血压血氧 Body temperature; heart rate; blood pressure; blood oxygen	支持/support	
	脱落提醒 (Drop notification)	支持/supportsupport	
	光感(Light sensor)	支持/support	
	开关机键 Power button	1	

物理按键键 Physical buttons	拨号快捷键 Dialing shortcut	一键SOS	
	语音报时按键 Voice announcement button	可定制/Customizable	
通话/Call	Phone	4G	
	上网制式及速率 / Modem & Rate	GPRS	
软件规格 /SOFTWARE 安全定位功能 Safety & Positioning Functions	系统/OS	CAT1	
	UI	自带UI(可定制UI+开机LOGO定制) Built-in UI (Customizable UI Customizable Startup Logo)	
	Language	可定制/Customizable	
	实时定位 Real-time Positioning	实时定位，支持立即定位及间隔定位设置，可在 APP 内配置 Supports instant positioning and interval positioning settings, configurable in the APP	
	SOS 一键求救 One-Touch SOS Emergency Call	支持拨打紧急呼叫电话，紧急求助时，设备自动轮拨 SOS 号码、亲情号码 1-2-3 Supports emergency calls. In case of emergency, the device will automatically dial the SOS number and family numbers 1, 2 and 3	
	电子围栏 Electronic Fence	支持设置多个电子围栏，多种类型电子围栏(安全区域、危险区域)离开和进入电子围栏会报警推送消息提醒 Supports multiple electronic fences of two types (safe zone and danger zone). Alarm messages will be pushed when entering or leaving the fenced area.	
	历史轨迹 Historical Trajectory	支持历史轨迹查询，可实时查看当前位置信息 Supports historical trajectory query and real-time viewing of the device's current location.	
	时区校准 Time Zone Calibration	在不定位的情况下，采用RTC时钟；上线后，用户可通过APP手动设置相应时区更新手表当前时区。 The device adopts RTC clock when no positioning is available. After the device goes online, users can manually set the time zone via the APP to synchronize and update the watch time.	
	休眠默认 / 手动获取定位 Default Sleep Positioning or Manual Position Acquisition	设备默认休眠模式定位，当进入地图界面，设备会自动更新位置或APP下发立即定位指令后，手表会立刻单次上传当前位置。 The device adopts sleep positioning mode by default. It will automatically update the location when entering the map interface, or upload the real-time location once after receiving the immediate positioning command from the APP.	
	固定上传（定位） Regular Location Upload	定位频率（间隔）为600或1个小时，终端将按照当前设置的定位间隔获取当前位置，并上传至数据平台中心，用户可根据自身需求通过APP设置不同的定位间隔（定位时间间隔越短，手表的待机时间越短）。 The default positioning interval is 600 seconds or 1 hour. The terminal acquires and uploads location data to the data platform at set intervals. Users can customize the positioning interval via the APP (shorter interval leads to shorter standby time).	
	低电报警 Low Battery Alarm	电量低于20%时，会报警给APP客户端。 When the battery level is lower than 20%, the APP client will receive a low battery alarm reminder.	
	心率血氧监测 Heart Rate & Blood Oxygen Monitoring	采用PPG光感测量技术，精准检测心率与血氧数据 Adopts PPG optical sensing technology to accurately detect heart rate and blood oxygen data.	

通讯与交互功能 |
Communication &
Interactive
Functions

体温测量 Body Temperature Measurement	搭载热传导技术，实现人体体温检测 Equipped with heat conduction technology for human body temperature detection.
睡眠监测 Sleep Monitoring	可通过APP开启并设置睡眠状态检测功能 Sleep status detection can be enabled and set via the APP.
吃药提醒 Medication Reminder	用户可在APP预设吃药时间，设备届时自动提醒 Users can preset medication time via the APP, and the device will remind users on time.
久坐提醒 Sedentary Reminder	用户可在APP预设久坐提醒时间，设备届时自动提醒 Users can preset sedentary reminder time via the APP, and the device will remind users on time.
跌倒报警 Fall Detection Alarm	开启开关后，设备可智能监测人体跌倒状态并触发预警报警 After turning on the switch, the device can intelligently monitor falls and trigger early warning alarms.
计步 Step Counting / Pedometer	自动记录用户当日运动步数 Automatically records the user's daily exercise steps.
视频通话 Video Call	可实行APP客户端与手表之间的视频通话功能 Supports two-way video calls between the mobile APP and the watch.
通讯录 Contacts	可通过APP添加联系人，最大支持存储15个联系人 Contacts can be added via the APP, with a maximum storage of 15 contacts.
拨号功能 Dialing Function	自主拨号界面（支持短号互相拨打，不支持设置手机号拨打短号，因为他们不是一群体） Built-in independent dialing interface, supporting mutual short number calls. Mobile phone numbers cannot dial short numbers due to different group attributes.
微聊 Voice Intercom	通过GPRS数据传输，支持最长15秒语音对讲消息发送 Supports 15-second voice intercom message transmission via GPRS data.
拍照 Photo Capture	支持手表自拍或APP远程拍照 Supports on-watch self-photography and remote photography via the APP.
一键语音报时 One-Touch Voice Time Announcement	适配视力不佳长者，按压报时键即可语音播报时间，无需查看屏幕 Designed for the elderly with poor eyesight. Press the time announcement key to get voice time broadcast without checking the
语音监护 Remote Audio Monitoring	可以监控手表周边的语音状况 Supports remote monitoring of ambient sounds around the watch.
天气预报 Weather Forecast	支持设备端实时查看天气状况 Supports real-time weather condition viewing on the device.
拒接陌生人电话 Reject Unknown Incoming Calls	仅通讯录号码可接入设备，自动拦截陌生号码来电（网络电话除外） Only saved contacts can call the watch; calls from unknown numbers will be blocked (excluding network calls).
闹钟 Alarm Clock	APP发送该指令，手表会响铃一分钟以方便寻找，按任意键停止响铃。 After receiving the find-watch command from the APP, the watch will ring for 1 minute and stop ringing by pressing any key.

	远程关机 Remote Shutdown	通过APP可以远程将手表关机（手表开机正常工作后按开机键10秒上关机复位） Supports remote shutdown via APP. When the watch is working normally, press and hold the power key for 10 seconds for manual shutdown and reset.
APP/PC	GLOBE GPS TRACKER	WWW.SOGRACE.LTD
服务器平台支持 Server Platform Compatibility	通讯协议 Communication Protocol	可与指定平台或指定的其它业务平台上传业务数据。 Able to upload business data to designated platforms or other specified service platforms.
	API对接 API Interface Docking	可与云端对云端对接 Supports cloud-to-cloud interconnection and docking.