

JAMES® Model R8



Hardware

Model	R8
Dimensions / weight	43x43x12.8mm / 45g
IP rating	IP67
Screen	1.28 inch TFT, 240x240 pixel
Touch	Supported
Button	One SOS / power button
Speaker	0916 stereo monomer
CPU chipset	Unisoc SC8910FF
Watch OS	Thread X (RTOS)
Position	GPS + LBS + WIFI + AGPS + Google Position Service
GPS antenna	LDS external laser curved
GPS chip	MTK3336
RAM + ROM	32MB + 16MB
Vital sensor	PAH8009: heart rate, blood pressure, SpO2 NST117: temperature
3D accelerator	DA217
Charge port	Magnetic 2 pin, with magnetic charging cable
Operating temp.	-10° C to +60° C
Strap	18mm silicon strap

Battery

Battery	3.8V / 650mAh, rechargeable
Battery type	Lithium Polymere
Charging voltage	5V / 1A
Standby / Charging time	4 days, 90 minutes

Network and SIM

Frequency bands	GSM: 900/1800MHz 4G LTE: B1, 3, 7, 8, 20, 38, 40 (with local SIM)
SAR values	GSM 900: 0.566 W/kg (SAR 10g) GSM 1800: 0.355 W/kg (SAR 10g) LTE B1, 3, 7, 8, 20,38, 40: 0.601 W/kg (SAR 10g)
SIM size	Nano
Operator	TELE2 (Sweden with phone prefix +46)
Roaming	roaming into all EU networks

Packaging

Box size / weight	72x78x100mm / 120g
Carton size / weight	50pcs: 22x40x38cm / 9.5kg
Box content	1 x R8 watch, 1 x user manual, 1 x magnetic charging cable, 1 x plug

Features

Alerts (phone call, SMS, E-mail, push notification to App)	<ul style="list-style-type: none"> • Button press alert to up to 10 private contacts • Fall alert with 3 different sensitivity settings • Optional: alert when leaving a geofence for longer than 5 minutes (for dementia) • Optional: 24/7 alert receiving centre to call emergency services
Warnings (SMS, E-mail, push notification)	<ul style="list-style-type: none"> • Battery low warning • Signal lost warning when there is no data connection to the watch • Warning if no steps measured until a specific time in the morning
Notifications (push notification to App)	Notification to contacts when first steps of the day are measured
Heartbeat	Status heartbeat to server every 10 minutes
Position	Position request anytime
Phone call	Incoming phone call anytime
Vital measurements	Frequent measurements configurable and start on demand on watch
App	Family app "JAMES APP" for Android and iOS