

AC12 Series Specifications



Product Description

Model	AC12	
Category	Health Smart Ring	
Spotlight	1, Elegant Fashion Design on Finger	Ceramics+Anti-bacterial stainless steel, Stylish, cutting-edge Technology, comfortable to wear.
	2, Health Management	7*24hrs health monitor, sleep management and sleep quality assessment, daily sport and fitness analysis.
	3, Vibration Alertes	Incoming call vibration alert, Abnormal health indicator alerts, Clock reminder, Medication reminder, Daily event reminders,etc.
	4, Smart Leisure Life	1. Touch to control the 3rd parties APPs(short video, music player, e-book, photos) or smart hardware; 2. SOS function.

Mechanical Specifications

Waterproof	5ATM	
Outer Ring	Ceramics	
Inner Ring	Stainless steel	8 sizes: #6, #7, #8, #9, #10, #11, #12, #13
Product Dimensions	7.5mm * 2.5mm	Width * Thickness
Package Dimensions	TBD	
Weight	5.2g	Different weight in different size

Hardware Specifications

CPU	AB2026B3	
Motor	Ultra low power motor	Support
Touch	Multi-direction touch control	Support
PPG Sensor	HX3917	Optional, LC12S
Body Temperature Sensor	CT7112	Support
G-Sensor	BMA510	Support
Memory	Storage ONE WEEK data on ring	
Bluetooth	BLE5.4	

Power Specifications

Duration Battery Life	4-6 days	Under the typical battery life model, 24hrs for wear per day
Standby Time	25 days	
Battery Capacity	18.5mAh	High density battery
Battery Type	Lithium Polymer	
Charger Connector	Magnetic contact charging	
Recharging Time	<1.5 Hours	

APP

APP	AIZO RING	Download via App Store or GMS Play Store
Mobile Phone OS	Android 7.0+, iOS13.0+, Harmony2.0+	

Functions

Motor Vibration	Incoming call vibration alerts	Support, Ring auto-vibration when you got incoming call
	Message Notification	Support, Auto-vibration when recieved message for: WhatsApp, Facebook, Instagram, Wechat, SMS, QQ, etc or customization
	Abnormal health vibration alerts	Support, Hihger heart rate, Lower heart rate, Lower SpO2, Fever, Higher stress
	Clock reminder	Support, Ring vibrates to reminder you when the alarm time is up
	Daily events reminder	Support, Reminder: take medicine, drink water, birthday, anniversaries, schedule etc
Touch Control Function	Control short video APPs	Tiktok, Instagram, Youtube, Triller, Kwai, Vimeo, etc. Support air-click likes, switch
	Control music player	Playing, pause, switch
	Remote photo	Support
	Remote video	Support
	PowerPoint	Switch, Slide
	E-book	Page turning
SOS Function	Quickly trigger, timely rescue	Support touch trigger, gesture trigger; Send SOS SMS, Location and dial emergency contacts

Health Management	Sleep management	Tracking sleep status, sleep quality assessment and score, sleep quality trend analysis
	Body temperature	Support
	Heart rate	Support
	SpO2	Support
	HRV	Support
	Blood Glucose Trends	Optional, Non-invasive blood glucose measurement. Diabetes risk assessment, glucose trend analysis and report
	Emotional management	Optional, Emotional report, Mood distribution, Stress index, Fatigue index, etc
	Body recovery evaluate	Support
	Menstrual cycle prediction	Support
Activity Monitoring	Daily fitness and sport	Support
	Pedometer	Support
	Distance	Support
	Calorie	Support
	Sport	Walking, Running, Riding
	Sport data synchronisation	Syn. to Google Health Connect, Apple Health
Language	Language	APP support 30+ languages
Firmware Upgrade	OTA Upgrade	Via mobile APP
Other Functions	Restore factory default	Support
	Wear detection	Support
	Restart	Support
	Firmware information	Support
Environment		
Operating Temperature	-20°C to 50°C	
Charging Temperature	0°C to 40°C	
Working Humidity	10%-90%RH (non-condensation)	
Storage Temperature	-30°C to 70°C	
Storage Humidity	5%-90%RH (non-condensation)	
Standards		
Certificates	FCC, CE, ROHS, REACH, CCC, SRRC, MSDS, UN38.3	Support