



SHENZHEN LINWEAR INNOVATION TECHNOLOGY CO., LTD.

LQ31 Smart Watch [APP:OnWear Pro] Color:Black/Silver/Gold



Mechanical

Water Resistance	IP68
Display Size	2.02"
Screen Type	HD TFT
Bezel	Zinc Alloy (Sandblasting, electroplating)
Middle Frame	Zinc Alloy (sand blasting/Metal wiredrawing)
Button	Aluminum alloy (oxidize)
Bottom Shell Material	PC
Wristband Material	Silicone Band
Watch body (L*W*H) mm	TBD
Watch body weight	TBD
Watch Size,with band (L*W*H) mm	TBD

Hardware

MCU	YH601M
G SENSOR	STK8327
PPG Heart rate sensor	VC32F-S
Speaker	1508(IP68)
MIC	4615
Touchscreen Chip	CST816D
Resolution	320*385px
NOR Flash	128Mb Nor Flash
NAND Flash	1Gb NAND Flash
Bluetooth	BT 5.2, Robust BT connection Indoor without barriers: 30-50m,with barriers:about 15-20m

Power

Battery Life	About 5-7 use days, 15 days standby
Battery Capacity	300mAh
Rotable crown	Working crown*1, Press button*1
Type of Battery	Polymer lithium battery
Charging Method	Magnetic charging
Charging Time	<2H

APP OS

iOS	IOS 13.0+
Android	Android 7.0+

Function

JS application	ChatGPT,AI watch face that truly belongs to Open AI, recorder,e-book,video playback,local music and etc
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Language (General)	English, Chinese, German, Spanish, French, Italian, Japanese, Russian
	Support set on the watch
Basic Functions	12/24H,Clock, Date Display
	100+ Online&DIY
	OTA upgrade
Calling function	BT calls (with 3A environmental noise cancellation)
	Call records
	Dial
	Contacts
Entertainment function	BT music
	Offline watch voice assistant
	Built-in Games
Daily activity monitoring	One click monitoring (HR,Stress,Blood oxygen)
	Heart rate (each 10min)
	Blood oxygen (each 10min)
	Stress monitor(each 10min)
	Breathing Training
	Steps, Calories,Distance(Auto)
	Wear monitor
	24H Sleep, nap monitoring(Auto)
Exercise Functions	Outdoor Run
	Outdoor Walk
	Outdoor Cycle
	Indoor Run
	Mountaineering
	Elliptical Trainer
	Yoga
	Spinning
	Strength Train
	Football
	Basketball
	Pingpong
	Badminton
	Cricket
	Free Training
	Custom sports:110 ⁺ built-in
Reminder	Incoming call
	SMS notification
	Alarm reminder
	Sedentary reminder
	Target reaching reminder
	Women health
	Low battery reminder
	Drink water reminder
	High heart rate reminder
Other functions	Weather forecast
	Flashlight
	Restore factory settings
	Stopwatch
	Find phone
	Timer
	Music control/player
	Scan QR code to download App
	Set the screen duration
	Set the ringing tone
	Application Views
	Firmware information
Gesture	Lift the wrist
	Lower the wrist