

SHENZHEN UNIQUE INDUSTRIAL CO., LTD

Smart Wearable Product Catalogue

Fifteen production models across six families, with the chipsets, sensors, batteries and case dimensions published by the factory.

Trade terms: minimum order 3,000 pcs per model; samples 1-3 working days after payment; bulk 20-25 working days after deposit; warranty 12 months excluding man-made damage. All specification values are copied from the factory specification sheet. Values marked TBC are not published by the factory and are confirmed in writing before an order. Certifications are stated as held or pending; the ECG platform's CFDA and FDA medical certification is pending, not granted.

BLUETOOTH TALKING SMART WATCHES

Bluetooth Talking Smart Watches (5 models)

Five models that take and place calls on the watch itself, from a 1.32 inch zinc alloy round case to a rugged 2.0 inch outdoor build with a flashlight.

BLUETOOTH TALKING SMART WATCHES

1.39 Inch HD Display Bluetooth Talking SpO2 Heart Rate BP Monitor Smart Watch

Round Bluetooth calling watch with an AI voice assistant and a 1.39 inch 360x360 display



CPU	RTL8763EWE
Screen	1.39 inch HD 360x360 pixel
Screen cover	2.5D high hardness curved glass
Bluetooth	5.2
Heart rate sensor	LC11S
G-sensor	STK8321
Battery	210mAh polymer battery
Charging	Magnetic charger
Full charge time	2 hours
Battery life	3-5 days
System support	Android 5.0 or above, iOS 9.0 or above
Material	Body PC+ABS, strap silicone gel
Watch size	46.4 x 11mm
Weight head plus strap	35g
App	GloryFit
Water resistance	TBC - confirmed in writing before order

BLUETOOTH TALKING SMART WATCHES

Unique Smart Watch Answer Make Call Water-Resistant Heart Rate Blood Pressure Smartwatch

1.85 inch square calling watch rated IP67 with pool swimming support and a 230mAh battery



CPU	RTL8763E
RAM and ROM	ROM 128MB
Screen	1.85 inch HD TFT, 240x284 pixels
Screen cover	2.5D high hardness glass
Heart rate sensor	HX3605
Bluetooth version	BLE 5.0
Battery	230mAh, 3.8V lithium polymer
Battery life	About 3-5 days
Material	PC with injection sprayed matte coating
Charging	Magnetic pin charging
Buttons	One
Strap	70 degree hardness silicone, 22mm width
Body size	45.5 x 40.2 x 10.6mm
Water resistance	IP67, pool swimming supported
App	TBC - confirmed in writing before order

BLUETOOTH TALKING SMART WATCHES

NX23 Outdoor Flashlight AI Assistant Bluetooth Calling Health Sport Smartwatch

Rugged 2.0 inch outdoor calling watch with an LED flashlight, IP68 and 100+ sport modes

Model: NX23



Screen	2.0 inch IPS, 320x385 pixels
Calling	Bluetooth calling on the wrist
Flashlight	LED strong light
Water resistance	IP68
Health sensing	Real time heart rate, blood oxygen
Sport modes	100+
Voice	AI assistant
CPU	TBC - confirmed in writing before order
Battery capacity	TBC - confirmed in writing before order
Battery life	TBC - confirmed in writing before order
Watch size	TBC - confirmed in writing before order
Weight	TBC - confirmed in writing before order
App	TBC - confirmed in writing before order

BLUETOOTH TALKING SMART WATCHES

Bluetooth Calling SpO2 Body Temperature HR Monitoring Smart Watch With Intelligence Voice Assistant

T32S dual mode calling watch in zinc alloy with body temperature sensing and a 1.32 inch 360x360 display

Model: T32S

Bluetooth chip	Realtek 8762D
Audio chip	Jieli
Battery capacity	260mAh
Screen	1.32 inch full touch, 360x360
Heart rate and SpO2 sensor	HRS3300
Water resistance	IP67
BLE version	BLE 5.0
3D accelerometer	ROHM
Material	Zinc alloy and ABS
Battery life	3-6 days daily use
Watch size	260 x 46 x 11mm as published by the factory
App	TBC - confirmed in writing before order



BLUETOOTH TALKING SMART WATCHES

1.508 Inch AMOLED Display GPS Sport Heart Rate SpO2 Monitor Bluetooth Calling Watch

Four constellation GPS sport watch with a 466x466 AMOLED always on display and a 400mAh battery

Screen	1.508 inch AMOLED, 466x466 pixels
Always on display	Supported, low power consumption
Positioning	GPS, GLONASS, Galileo, BeiDou
Calling	Hands free bluetooth calling
Health sensing	Heart rate, SpO2, blood pressure
Sensors	Altitude pressure, compass
Battery	400mAh
Water resistance	IP68
Sport modes	Multi-sport
CPU	TBC - confirmed in writing before order
Battery life	TBC - confirmed in writing before order
App	TBC - confirmed in writing before order



ACTIVITY TRACKERS AND FITNESS BANDS

Activity Trackers And Fitness Bands (5 models)

Five bands covering the full range of the category: a screenless 30 day tracker, two slim 1.1 inch AMOLED models, a 1.7 inch large screen band and the curved UQ76.

ACTIVITY TRACKERS AND FITNESS BANDS

1.1 Inch AMOLED Display Activity Tracker Sleeping Heart Rate Monitoring SpO2 Smartwatch

Slim 1.1 inch AMOLED band tuned for automatic sleep tracking, with 70+ dials and 10 day battery



Display size	1.1 inch AMOLED
Screen resolution	126x294
CPU chip	Tai Ling Micro TLR8251F512ET32
Heart rate sensor	Original phase PAH8007
3D sensor	SC7A20 / 2x2 / LGA12
Memory	512KB + 64KB + 32Mb (RAM + ROM + Flash)
Battery capacity	90mAh
Usage time	7-10 days
Charging method	Magnetic charging
Bluetooth version	4.2
Device body dimension	43.7 x 19 x 11.8mm
Water resistance	IP67
Material	PC + ABS
Sport modes	25
App	TBC - confirmed in writing before order

ACTIVITY TRACKERS AND FITNESS BANDS

1.1 Inches AMOLED Heart Rate SpO2 Body Temperature Activity Tracker

IP68 rated 1.1 inch AMOLED tracker with SmartTrack auto detection across 25 preloaded sport modes

Display size	1.1 inch AMOLED
Screen resolution	126x294
CPU chip	Tai Ling Micro TLSR8251F512ET32
Heart rate sensor	Original phase PAH8007
3D sensor	SC7A20 / 2x2 / LGA12
Memory	512KB + 64KB + 32Mb (RAM + ROM + Flash)
Battery capacity	90mAh
Usage time	7-10 days
Charging method	Magnetic charging
Bluetooth version	4.2
Device body dimension	43.7 x 19 x 11.8mm
Water resistance	IP68, swim proof per the product listing
Material	PC + ABS
Sport modes	25 preloaded
Compatibility	Android and iOS
App	TBC - confirmed in writing before order



ACTIVITY TRACKERS AND FITNESS BANDS

Fitness Wristbands Blood Oxygen Deep Light REM Sleep Tracker Smart Watch

1.7 inch rectangular band with deep, light and REM sleep staging and all day stress monitoring



Bluetooth chip	TLSR9215AER / 6x6mm QFN48
Screen	1.7 inch TFT high definition, 240x280 pixels
Touch	Full screen touch
Bluetooth version	BLE 5.0
PPG sensor	LC10A
G-sensor	SC7A20 / 2x2 / LGA12
Battery	330mAh polymer battery
System support	Android 4.4 and above, iOS 9.0 and above
Material	Body plastic, strap TPU
Device dimension	38 x 44.5 x 11mm
Device weight	40g
Charging method	Magnetic charging
Water resistance	IP68
Sport modes	25
App	TBC - confirmed in writing before order

ACTIVITY TRACKERS AND FITNESS BANDS

1.57 Inch Hyperboloid Screen Blood Oxygen Heart Rate Monitoring Smart Watch With Two-Tone Strap

UQ76 curved hyperboloid display in a zinc alloy case with a two-tone strap and IP68

Model: UQ76



Model	UQ76
BLE chip	RTL8762DK
Bluetooth version	BLE 5.0
PPG chip	HX3603
Memory	RAM 195KB + ROM 64MB
Battery capacity	200mAh
Screen	1.57 inch hyperboloid, 200x320
Charging	Magnetic suction charging
Material	Zinc alloy + ABS
3D accelerometer	SC7A20
Watch size	46 x 31.5 x 9.65mm
Water resistance	IP68
Battery life	TBC - confirmed in writing before order
App	TBC - confirmed in writing before order

ACTIVITY TRACKERS AND FITNESS BANDS

Screenless Activity Tracker SpO2 Blood Pressure Heart Rate Monitor Fitness Tracker

Non-screen tracker with up to 30 days of battery, HRV and stress monitoring and IP68

Display	None, screenless design
Battery life	Up to 30 days
Health sensing	24/7 heart rate, blood pressure, HRV, stress level, SpO2
Tracking	Exercise, activity and automatic sleep tracking
Sport modes	Multi-sport, optional
Water resistance	IP68, swim proof per the product listing
Straps	Silicone or nylon woven, optional
Compatibility	Android and iOS
CPU	TBC - confirmed in writing before order
Battery capacity	TBC - confirmed in writing before order
Device dimension	TBC - confirmed in writing before order
App	TBC - confirmed in writing before order



4G HEALTH SMART WATCHES

4G Health Smart Watches (2 models)

Two watches that take their own SIM and run Android 8.1 on the wrist, with dual cameras, real time GPS location and a safety geofence.

4G HEALTH SMART WATCHES

Round 4G SIM Card Android GPS ECG SpO2 Heart Rate Infrared Body Temperature Digital Smart Health Watch

Standalone Android 8.1 watch phone with a 454x454 AMOLED, dual cameras and real time GPS location



CPU	SL8541E quad core
OS	Android 8.1
Memory	eMCP 2GB + 16GB
Screen	1.39 inch 454x454 HD AMOLED
PPG sensor	PAH 8009
Network	2G / 3G / 4G SIM
Wifi, bluetooth, FM	Supported
Imaging CPU	Mali 820 MP1 @ 680MHz
Cameras	Front and side, 2MP each
Audio formats	MP3, AAC, AAC+, WMA, DRA, AMR-NB
Photo formats	JPG, JPEG, BMP
Battery capacity	650mAh
Usage time	2-3 days
Calling time	Max 4 hours
Device dimension	40 x 40 x 14.5mm
Water resistance	IP67

4G HEALTH SMART WATCHES

4G SIM Card Android GPS SpO2 Heart Rate Body Temperature Digital Smart Health Watch

1.78 inch Android 4G health watch with a one button SOS and braille alarm trigger

CPU	SL8541E quad core
OS	Android 8.1
Memory	eMCP 2GB + 16GB
Screen	1.78 inch 368x448 HD AMOLED
PPG sensor	PAH 8009
Network	2G / 3G / 4G SIM
Emergency	One button SOS with braille alarm trigger
Wifi, bluetooth, FM	Supported
Imaging CPU	Mali 820 MP1 @ 680MHz
Cameras	Front and side, 2MP each
Audio formats	MP3, AAC, AAC+, WMA, DRA, AMR-NB
Photo formats	JPG, JPEG, BMP
Battery capacity	650mAh
Usage time	2-3 days
Calling time	Max 4 hours
Device dimension	46.5 x 48 x 15mm
Water resistance	IP67



GPS SPORT SMART WATCHES

GPS Sport Smart Watches (1 model)

Two watches that record routes from the wrist: UQ33 on a dedicated u-blox 7020 chip, and the 1.508 inch AMOLED model across four satellite constellations.

GPS SPORT SMART WATCHES

UQ33 UBLOX GPS Chip Smart Watch

Nordic nRF52840 sport watch with a dedicated u-blox 7020 GPS chip and about 7 days of battery

Model: UQ33

CPU	Nordic nRF52840
GPS chip	u-blox 7020
Satellites	GPS, GLONASS, BeiDou
3D accelerometer	ROHM KX022
PPG sensor	VC32S
Screen	1.69 inch high definition full touch
Battery	350mAh polymer lithium
Charging	Magnetic suction charging
Charging time	About 3 hours
Battery life	About 7 days
Product net weight	45g
Water resistance	IP67
System support	Android 4.4 or above, iOS 8.2 or above
Packing content	Smart watch, charging cable, user instruction, packing box
App	TBC - confirmed in writing before order



ECG HEALTH SMART WATCHES

ECG Health Smart Watches (1 model)

A cardio focused watch built on a Maxim Max86176 ECG chip at 512Hz with HRV report replay, automatic infrared SpO2 and sleep apnea monitoring.

ECG HEALTH SMART WATCHES

Medical Grade ECG HRV Monitor Smart Watch SpO2 Body Temperature Round Smart Watch

Goodix 5515 and Max86176 ECG platform at 512Hz with HRV replay and sleep apnea monitoring



Master chip	Goodix 5515
BLE version	BLE 5.1
ECG chip	Maxim Max86176, 512Hz sampling
Medical certification	CFDA and FDA certification pending, not granted
SpO2 sensor	Osram 2201, infrared
Temperature sensor	Maxim 30208
Screen	Tempered glass with 1.3 inch IPS HD TFT, 240x240 pixels
Battery capacity	230mAh
3D sensor	STK8321
Water resistance	IP67
Charging time	About 2-3 hours
Endurance	7-10 days use, 30 days standby
Physical buttons	2
Product dimension	46 x 46 x 11.5mm

BLOOD PRESSURE SMART WATCHES

Blood Pressure Smart Watches (1 model)

A watch that inflates an airbag in the strap with a built in air pump, giving the same oscillometric measurement method as a home cuff monitor.

BLOOD PRESSURE SMART WATCHES

Air Pump and Airbag Technology Blood Pressure Smart Watch

Cuff style blood pressure watch using a real air pump and airbag rather than an optical estimate



Bluetooth chip	Nordic nRF52832
PPG chip	OSRAM 2703
Temperature sensor	CT 1711 array
Screen	1.7 inch TFT
Screen resolution	240x280
Blood pressure method	Air pump and airbag, oscillometric
Battery type	High density lithium polymer
Battery capacity	200mAh
Charging	Magnetic charging
Charging time	About 3-4 hours
Endurance	7-10 days
Material	Metal alloy, PC, ABS, medical grade 316
Watch body dimension	45 x 40 x 11mm
Water resistance	TBC - confirmed in writing before order