AUTOID Swatch

A wearable perception with no missing information

Real-time access to business data anywhere and at any time. It is comfortable to wear, and there is no risk of accidental falls. You can activate voice interaction and faster business processing by raising your wrist. It offers many features with Wi-Fi, 4G, a camera, Bluetooth, GPS, etc.

Product Features

Lightweight Wear
A 100g watch (watchband not included) with a skin-friendly silicone strap. Comfortable and convenient to wear.

More Convenient Design
It features a customized OS, simple smart watch operation logic, and "Raise to Wake" functionality. In addition, it is possible to adjust the watchband to fit both hands at the same time.

Long-lasting
The battery lasts longer than similar products at 3300mAh.Work continuously for 7 hours (screen always on, maximum brightness & volume)

Specifications

Physical Characteristics	
Dimensions	3.1 in. L x 2.2 in. W x 0.7 in. T 80 mm L x 54.7 mm W x 17 mm T
Weight	3.5 oz./100g (No strap)
Display	2.8 inch full view LCD, capacitive 3-point touch. 640 x480, maximum brightness is 350nit
Touch Panel	Capacitive touch
Power	Non detachable 3300mah Li-ion rechargeable battery, 500 cycles, capacity more than 80%
Interface/ Communication	TYPE-C
Notifications	Support vibration motor
Keys	2 keys (power supply, custom), 1 million times life
Voice and Audio	Built in speaker, 8 Ω, 1 W * 1. Built in dual microphone

Performance Characteristics	
CPU	MTK Quad-core 2.0 GHz
Operating System	Android 9.0
Memory	RAM+ROM: LPDDR3 3GB+32GB

User Environment	
Operating Temp.	-4 °F to 140 °F/-20 °C to +60 °C
Storage Temp.	-22 °F to 158 °F/-30 °C to +70 °C
Humidity	5% to 95%, non-condensing
Drop Spec.	3.9 ft. (1.2 m) drops to concrete at room temperature, 5 rounds on 6 sides, 30 times
Tumble Spec.	1000 1.6 ft. (0.5 m) tumbles
Sealing	IP67
Electrostatic Discharge (ESD)	±15 kV air discharge, ±8 kV direct discharge
Sensor	Acceleration sensor, proximity light sensor, electronic compass, gyroscope, barometer. Support to raise your hand to light up the screen.

Data Capture	
Camera	Rear: 13MP AF, PDAF, f=2.0, Support falsh and torch mode

Wireless Connectivity	
WLAN	
WLAN Radio	IEEE 802.11a/b/g/n/ac （2.4G/5G dual frequency WIFI) Frequency range: Depending on the country (region), 2.4GHz is usually 2.412ghz-2.472ghz; 5GHz is usually 5.170ghz-5.825ghz
Channel	CH1~CH13, CH34-CH140, CH149~CH165
Data rates	802.11a: 6,9,12,18,24,36,48,54Mbps 802.11b: 1,2,5.5,11Mbps 802.11g: 6,9,12,18,24,36,48,54Mbps 802.11n:6.5,13,19.5,26,39,52,58.5,65Mbps （20MHz,Long GI,800ns) 802.11n:7.2,14.4,21.7,28.9,43.3,57.8,65,72.2Mbps （20MHz,short GI,400ns)
Security	OPEN, WEP, WPA2-PSK （TKIP+AES）, TLS, TTLS (MS-CHAP), TTLS(MS-CHAP v2), TTLS (CHAP), TTLSMD5, TTLS-PAP, PEAP-TLS, PEAP(MS-CHAP v2), AES etc.
Transmission distance	2.4G greater than 50m, 5g greater than 40m (open area)

WWAN	
WWAN Radio	GSM：850/900/1800/1900 TD-SCDMA：Band 34/Band 39 WCDMA：Band 1/Band 2/Band 5/Band 8 CDMA：BC0 TDD-LTE：Band 34/Band 38/Band 39/Band 40/Band 41 FDD-LTE：Band 1/Band 3/Band 5/Band 7/Band 8 Support VoLTE
GPS	GPS + GLONASS + Beidou + Galileo, support AGPs Frequency: GPS: L1(1.575GHz); Beidou: B1(1.561GHz); GLONASS:L1(1.602GHZ) Accuracy: 5-10m,open sky

Accessories	
Standard	Power Adapter, USB Cable, Watch strap(left), Tempered Glass Screen Protector
Additional	Watch strap(right)

Third Party Application Development Support	
System Software	Android 9
System Programming Environment	Android Studio