

AUTOID 10

Mobile Terminal With One-handed Operation Designed For Industrial Use



A new platform will combine powerful "Core" capabilities with fast and accurate AI scanning. Design the battery back cover so that it is easy to replace battery. Furthermore, the new Wi-Fi6 Ready Technology brings a smooth communication experience. A long standby battery is a real challenge, escorting the continuous operation strength for two shifts for the frontline work. With the highest level of protection, it's easy to handle when it comes to water, dust, and falls. It's designed to enhance human-computer interactions in several ways, including more precise reminders and a more intuitive terminal operation. Furthermore, it also supports scanning options for standard and extended ranges to meet the needs of a wide range of customers.



Product Features



Wi-Fi6 Ready technology

Utilize the cutting-edge technology "WELL WiFi" ¹ and Wi-Fi6 ready that achieve reliable and fast digitalization, text, picture, and video transmissions, effectively reducing equipment power consumption, ensuring information security, and reducing customer network deployment costs.

¹ "WELL WiFi" is SEUIC self-developed technology, including WiFi Enhanced Technology /Low latency/ Low Packet Lost and other technologies



Having a long standby battery

It's a real challenge to sustain the continuous operation strength for two shifts for the frontline team. Using a 5360mAh high-capacity battery and AI with Power Saving Technology, an effective 25% power saving is achieved.

Specifications

Physical Characteristics	
Dimensions	6.3 in. L x 2.6 in. W x 0.8 in. H 160.34 mm L x 67.02 mm W x 19.5 mm H
Weight	9.5oz./268g (include battery)
Display	4.0 in. IPS screen (800 x 480);
Touch Panel	Capacitive touch, supporting wet hand mode and thick glove mode
Power	Detachable 5360mAh Li-ion rechargeable battery with hot-swap 50mAh Li-ion spare battery
Expansion Slot	Micro SD Card, compatible up to 128GB
Interface/Communication	Support Type-C, support OTG
Notifications	Sound, vibrator, LED light indication
Keypad	27 keys : Front key*24, Side scan key*2, PTT key*1 (inner light-transmitting industrial IMD keyboard)
Voice and Audio	Built-in single loudspeaker, built-in dual microphone, Type-C support earphone
Performance Characteristics	
CPU	Qualcomm Octa-core 2.0GHz
Operating System	Android 11, GMS with AER
Memory	4GB LPDDR4 RAM/64GB UFS2.1 ROM
User Environment	
Operating Temp.	-4 °F to 122 °F/-20 °C to +50 °C
Storage Temp.	Battery included: -40 °F to 140 °F/-40 °C to +60 °C Battery excluded: -40 °F to 158 °F/-40 °C to +70 °C
Humidity	5% to 95%, non-condensing
Drop Spec.	Multiple 5.8 ft./1.8m drops to marble across the operating temperature range
Tumble Spec.	1000 rounds of tumble from 1.6 ft./0.5 m equals to 2000 impacts
Sealing	IP67
Electrostatic Discharge (ESD)	±15 kV air discharge, ±8 kV direct discharge
Sensor	Optical sensor, Proximity sensor, Gravity sensor, Gyroscope, E-compass
Data Capture	
Scanning	Honeywell SR 2D Scan engine Zebra SE5500 2D Scan engine Camera scanning
Camera	Front: 5 MP Fixed focus, 2592*1944 (taking photo) Rear: 13 MP Auto-focus, support flashlight, can be used for lighting, 4208*3120 (taking photo), 1080P@30fps (making video)
NFC	Supports tags ISO15693, ISO14443A/B (without encryption protocol), ISO14443A with encryption protocol (Mifare One S50,S70 and compatible cards); supports NFC Protocol
Wireless Connectivity	
WLAN	
WLAN Radio	IEEE 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v/w/ax ready (2.4G/5G dual-band WIFI)

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) 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) 802.11n: 13.5, 27, 40.5, 54, 81, 108, 121.5, 135Mbps (40MHz, Long GI, 800ns) 802.11n: 15, 30, 45, 60, 90, 120, 135, 150Mbps (40MHz, short GI, 400ns) 802.11ac: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65, 78Mbps (20MHz, Long GI, 800ns) 802.11ac: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7 (20MHz, short GI, 400ns) 802.11ac:13.5, 27, 40.5, 54, 81, 108, 121.5, 135, 162, 180Mbps (40MHz, Long GI, 800ns) 802.11ac: 15, 30, 45, 60, 90, 120, 135, 150, 180, 200Mbps (40MHz, short GI, 400ns) 802.11ac: 29.3, 58.5, 87.8, 117, 175.5, 234, 263.3, 292.5, 351, 390Mbps (80MHz, Long GI, 800ns) 802.11ac: 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3Mbps (80MHz, short GI, 400ns)
Working Channel	CH1~CH13, CH34-CH165
Security of WLAN	Supports OPEN, WEP, WPA2-PSK (TKIP+AES), WPA3, TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (CHAP), TTLSMD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES, etc.
WWAN	
WWAN Radio	GSM: Qual Band(850/900/1800/1900Mhz) TD-SCDMA: Band 34,Band 39 WCDMA: Band 1, Band 2, Band 5, Band 8 CDMA 1x /EVDO : BCO TDD-LTE: Band 34、Band 38, Band 39, Band 40, Band41(100MHZ) FDD-LTE: Band 1, Band 3, Band 5, Band 7, Band 8, Band 20, Band 28 CA (DL) Band 1+Band 3,Band 39+Band 41
GPS	GPS+GLONASS+ Beidou GPS: L1(1.575GHz)+L5(1.176GHz); Beidou: B1(1.561GHz); GLONASS: L1(1.602GHz)
WPAN	
Bluetooth	Bluetooth 5.1 (Compatible with BLE)
Accessories	
Standard	Power Adapter, USB Cable, Battery, Hand Strap
Additional	4-Slot battery charger, Single device charging cradle with one spare battery charging slot, 5-slot charging cradle, Pistol grip, Multifunctional bag, Touch pen, Tempered glass screen protector, Device protect cover
Third Party Application Development Support	

PRODUCT SPEC SHEET

AUTOID10 MOBILE COMPUTER

System	Android 11
Software	
System	Eclipse, Android Studio

Programming Environment	
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SEUIC TECHNOLOGIES CO., LTD.



OFFICIAL WEBSITE:
EN.SEUIC.COM



E-MAIL:
MARKETING@SEUIC.COM



SKYPE:
AUTOID SEUIC