

# 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" <sup>1</sup> 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.

<sup>1</sup>"WELL WiFi" <sup>1</sup>: 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	
<b>Dimensions</b>	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
<b>Weight</b>	9.5oz./268g (include battery)
<b>Display</b>	4.0 in. IPS screen (800 x 480);
<b>Touch Panel</b>	Capacitive touch, supporting wet hand mode and thick glove mode
<b>Power</b>	Detachable 5360mAh Li-ion rechargeable battery with hot-swap 50mAh Li-ion spare battery
<b>Expansion Slot</b>	Micro SD Card, compatible up to 128GB
<b>Interface/Communication</b>	Support Type-C, support OTG
<b>Notifications</b>	Sound, vibrator, LED light indication
<b>Keypad</b>	27 keys : Front key*24, Side scan key*2, PTT key*1 (inner light-transmitting industrial IMD keyboard)
<b>Voice and Audio</b>	Built-in single loudspeaker, built-in dual microphone, Type-C support earphone
Performance Characteristics	
<b>CPU</b>	Qualcomm Octa-core 2.0GHz
<b>Operating System</b>	Android 11, GMS with AER
<b>Memory</b>	4GB LPDDR4 RAM/64GB UFS2.1 ROM
User Environment	
<b>Operating Temp.</b>	-4 °F to 122 °F/-20 °C to +50 °C
<b>Storage Temp.</b>	Battery included: -40 °F to 140 °F/-40 °C to +60 °C Battery excluded: -40 °F to 158 °F/-40 °C to +70 °C
<b>Humidity</b>	5% to 95%, non-condensing
<b>Drop Spec.</b>	Multiple 6.6 ft./2m drops to marble across the operating temperature range
<b>Tumble Spec.</b>	1000 rounds of tumble from 1.6 ft./0.5 m equals to 2000 impacts
<b>Sealing</b>	IP67
<b>Electrostatic Discharge (ESD)</b>	±15 kV air discharge, ±8 kV direct discharge
<b>Sensor</b>	Optical sensor, Proximity sensor, Gravity sensor, Gyroscope, E-compass
Data Capture	
<b>Scanning</b>	Seuic 2D Scan engine Honeywell SR 2D Scan engine Zebra SE5500 2D Scan engine Camera scanning
<b>Camera</b>	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)
<b>NFC</b>	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	
<b>WLAN Radio</b>	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)

<b>Data Rates</b>	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)
<b>Working Channel</b>	CH1~CH13, CH34-CH165
<b>Security of WLAN</b>	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	
<b>WWAN Radio</b>	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 : BC0 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
<b>GPS</b>	GPS+GLONASS+ Beidou GPS: L1(1.575GHz)+L5(1.176GHz); Beidou: B1(1.561GHz); GLONASS: L1(1.602GHz)
WPAN	
<b>Bluetooth</b>	Bluetooth 5.1 (Compatible with BLE)
Accessories	
<b>Standard</b>	Power Adapter, USB Cable, Battery, Hand Strap
<b>Additional</b>	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	
<b>System</b>	Android 11

**PRODUCT SPEC SHEET**

**AUTOID10 MOBILE COMPUTER**

<b>Software</b>	
<b>System</b>	Eclipse, Android Studio

<b>Programming Environment</b>	
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