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, upgraded crystal keys make it more scratch resistant and linear vibration motor delivers instant and low-latency feedback.



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.

“WELL WiFi” [1]: 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.

PRODUCT SPEC SHEET
AUTOID10 MOBILE COMPUTER

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, low temperature resistant
Power	Detachable 5360mAh Li-ion rechargeable battery with hot-swap 50mAh Li-ion spare battery
Expansion Slot	Micro SD Card, 256GB SDHC compatible
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 (Crystal button)
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 14, GMS with AER
Memory	4GB LPDDR4 RAM/64GB 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	Seuic 2D Scan engine Zebra SE5500 2D Scan engine Camera scanning

Camera	Front: 5 MP Fixed focus, 2592*1944 (taking photo) Rear: 13 MP Auto-foucs, 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, HF frequency band 13.56MHz
Wireless Connectivity	
WLAN	
WLAN Radio	IEEE 802.11 a/b/g/n/ac/ax ready (2.4G/5G dual-band WIFI)
Frequency Range	Depends on different countries(regions), 2.4GHz: 2.412GHz~2.472GHz; 5GHz: 5.17GHz~5.825GHz
Antenna	Built-in antenna
WWAN	
WWAN Radio	GSM：850/900/1800 TD-SCDMA：Band34,Band39 WCDMA：Band1，Band5，Band8 CDMA 1x /EVDO ：BC0 TDD-LTE：Band34，Band38，Band39，Band40，Band41(200MHZ) FDD-LTE：Band1，Band3，Band 5，Band7，Band 8，Band 20,Band28 CA（DL） B1+B3,B39+B41
GPS	GPS+GLONASS+ Beidou, supports AGPS . L1+L5 GPS: L1(1.57542GHz)+L5(1.17645GHz); Beidou: B1(1.561GHz); GLONASS: L1(1.602GHz) Accuracy: 3-5m(open sky)
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	
System Software	Android 14
System Programming Environment	Eclipse, Android Studio