

AUTOID Q9

Creating a New Standard for Durable Data Capture Tool

Designed to meet the high demands of industrial applications, AUTOID Q9 is an industrial-grade handheld terminal. New features have been added to enhance appearance, performance, battery life, protection, and other aspects, bringing this tool up to the highest level of durability. Users benefit from efficient and intelligent operations in logistics, retail, manufacturing, public utilities, etc.



Product Features



Professional Wi-Fi, Real-time Data Transmission

The device supports IEEE 802.11 a/b/g/n/ac, providing faster connectivity, real-time transmission, and a more comprehensive range of coverage thanks to dual-band WIFI (2.4G/5G). Full-band 4G, ensuring an excellent network both indoors and outdoors. Bluetooth 5.0 has twice the speed and four times the coverage of 4.0 but with lower power consumption.



Uninterrupted Operation

It can be used continuously for 14 hours, per the test data provided by Seuic Laboratory. It consists of a 5200mAh lithium-ion battery pack and can be charged 70% in 1 hour with an optional Type-C 18w fast charger.

Specifications

Physical Characteristics	
Dimensions	6.3 in. L x 2.6 in. W x 0.6 in. H 160 mm L x 66.3 mm W x 16.2 mm H
Weight	8.8 oz./250 g (include battery)
Display	4 in. IPS screen (800 x 480);
Touch Panel	Capacitive touch, supporting wet hand mode and thick glove mode
Power	Detachable 5200mAh Li-ion rechargeable battery 60mAh Li-ion spare battery
Expansion Slot	Micro SD Card, compatible up to 32GB
Interface/Communication	Support Type-C, support OTG
Notifications	Sound, vibrator, LED indicator
Keypad	27 keys: Front key*24, Side scan key*2, PTT key*1
Voice and Audio	Built-in dual loudspeaker, built-in dual microphone, Type-C support earphone
Performance Characteristics	
CPU	MTK Octa-core 2.0GHz
Operating System	Android 10, GMS Certified
Memory	4GB RAM/64 GB ROM; 3GB RAM/32 GB ROM (Optional)
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 image Scan engine Camera scanning
Camera	Front: 5 MP Fixed focus, 2592*1944 (taking photo) Rear: 13 MP Autofocus, Support flashlight, can be used for lighting, 4224*3136 (taking photo), 1080P@30fps (making video)
NFC	Compatible with tags as specified in ISO15693, ISO14443A/B (without encryption protocol), ISO14443A with encryption protocol (Mifare one S50, S70 and compatible cards); compatible with NFC protocol Reading range: 0-5.5cm (ISO15693), 0-4cm (ISO14443A), 0-1.5cm ID card
Wireless Connectivity	
WLAN	
WLAN Radio	IEEE 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v/w (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
WWAN	
WWAN Radio	European Asian area: GSM: Quad Band (850, 900, 1800, 1900MHz) TD-SCDMA: Band 34, Band 39 WCDMA: Band 1, Band 2, Band 5, Band 8 CDMA 1x/EVDO: BCO (optional) TDD-LTE: Band 34, Band 38, Band 39, Band 40, Band 41 FDD-LTE: Band 1, Band 2, Band 3, Band 5, Band 7, Band 8, Band 20
GPS	GPS+GLONASS+ Beidou, Support AGPS GPS: L1 (1.575GHz), Beidou: B1 (1.561GHz); GLONASS: L1 (1.602GHz)
Accessories	
Standard	Power Adapter, USB Cable, Battery, Hand Strap
Additional	4-slot battery charger, Single device charging cradle with one spare battery charging slot, 4-slot charging cradle, Pistol grip, Multifunctional bag, Touch Pen, Tempered glass screen Protector, Device protect cover
Third Party Application Development Support	
System Software	Android 10
System Programming	Eclipse, Android Studio