AUTOID Q7-(Grip)

Dedicated to Supply Chain Warehousing

A Cost-effective Industrial Grade Handheld Terminal Used for Professional Warehousing Applications. Straight shooter, trigger handle, and two-dimensional scanner provide users with cost-effective solutions for long-range scanning and warehousing, offer 3 different keypad options for numeric, numeric+ function and alphanumeric, that will best suit your high intense work applications.

Product Features

LONG-RANGE SCANNING

Using AUTOID Q7-(Grip) allows operators to scan distant barcodes without climbing to the top of a high-level warehouse. The AUTOID Q7-(Grip) is equipped with a long-distance scanning engine capable of scanning codes at a distance of 10 meters, and also extended scan engine further support 15 meters *.

WIFI SUPERIOR WIFI CONNECTION

The AUTOID Q7-(Grip) reduces the cost of enterprise networks by solving the problem of inadequate signal coverage. AP deployments with high density are also resolved, ensuring smooth device communication. The AS/RS data transmission solution also supports real-time data transmission.

ULTRA-RUGGED TO CHALLENGE DEMANDING ENVIRONMENTS

With improved protection around the scan window, the AUTOID Q7-(Grip) has an ultra-rugged design with enhanced durability. More than 60 tests of reliability have been successfully completed by the SEUIC CNAS Lab.

5200mAh Powerful Battery

This AUTOID Q7-(Grip) is equipped with a High-Capacity Battery, capable of performing a warm battery swap with the handle and can work for a maximum of two shifts at a time. A unique feature of AUTOID Q7-(Grip) is its independent battery meter and the largest capacity among similar models that operate with low power consumption. Security protection was also designed for SW and HW.

*15m scan engine now available with android11, adnrodi14 version is going to be released on 25Q3

Specifications

Physical Characteristics	
Dimensions	8.0 in. L × 2.8 in . W × 1.06 in. H 203 mm L ×72 mm W ×27 mm H (width 70mm side keys excluded)
Weight	18.1 oz. /513 g (battery and pistol grip included,) 15.4 oz. /438 g (battery included, without pistol grip)
Display	4.0 in. (480 x 800)(WVGA);
Touch Panel	Industrial grade low temperature resistant, Capacitive, touchable, dual mode touch-with or without a thick glove / with or without wet hand
Power	Detachable 3.7V rechargeable Li-ion battery, Standard battery: Average capacity 5200mAh Built in li-ion backup battery
Expansion Slot	Micro SD Card, 256GB SDHC compatible
Interface/ Communication	Support Type-C, Intelligent identification of PC and special charger; support OTG; support Charging Cradle
Notifications	Sound, Vibrator, LED indicator
Keypad	29 / 38 / 47 Keys Key + 2 scan keys on the left and right sides, LED(buttons with backlight)
Voice and Audio	Built-in loudspeaker, built-in dual microphone

Performance Characteristics	
CPU	Qualcomm Octa core 2.0GHz
Operating System	Android 14.0
Memory	4GB RAM/64GB Flash memory

User Environment	
Operating Temp.	-4 °F to 122 °F/-20℃ to +50℃
Storage Temp.	Battery included: -40 °F to 158 °F/-40 °C to +70 °C
Humidity	5% to 95% RH non-condensing
Drop Spec.	Multiple 6.6 ft./2m drops to marble across the operating temperature range
Tumble Spec.	1,000 1.64 ft./0.5 m tumbles (2,000 impacts)
Sealing	IP65
Electrostatic Discharge (ESD)	±15 kV air discharge, ±8 kV direct discharge
Sensor	Standard: Optical sensor, Proximity sensor Acceleration sensor, electronic compass and gyroscope

Data Capture	
Scanning	Standard range 2D Scan engine High Density 2D Scan engine Advanced far range 2D Scan engine

	Camera scanning
Camera	Rear: 13 MP autofocus
NFC	Support ISO15693,ISO14443A/B(without encryption protocol), ISO14443A tag with encryption protocol(Mifare one S50,S70 and its compatible cards); Support NFC protocol and ID certificates. Operating Frequency: HF frequency band 13.56MHz HF frequency band 13.56MHz Reading Range: Typical values bigger than 6cm for ISO15693, Typical values bigger than 4cm for ISO14443A, and Typical values bigger than 1cm for ISO14443B varies by different tags.

Wireless Connectivity	
WLAN	
WLAN Radio	IEEE 802.11a/b/g/n/ac (2.4G/5G dual-frequency WIFI6-Ready)
Frequency Range	Depends on different countries (regions), 2.4GHz: 2.412GHz-2.477GHz; 5GHz: 5.17GHz-5.825GHz
WWAN	
Frequency Band	GSM：Qual Band(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

Accessories	
Standard	Power Adapter, USB Cable, Hand Belt, battery
Additional	4-Slot Battery Charger, Single Slot Device Charger include battery, Single Slot Charging Dock include battery (support Ethernet), USB cable with end flap clip, Touch pen, Multifunctional bag, Vehicle charger, OTG data cable, Hand Tether, Five-slot Device Charger, Five-slot Device Charger(support Ethernet), Pistol Grip, Tempered glass screen protector

Third Party Application Development Support	
System Software	Android 14.0
System Programming Environment	Eclipse, Android Studio