

UHF RFID Reader

AUTOID UTouch

Everything in Just A Pound

AUTOID UTOUCH RFID device with a weight of less than 480g, 40% lighter than similar products, and a reduced fatigue level after long periods of use, allowing you to carry out repetitive tasks easily. Industrial design standards, a slim but rugged design, and durable materials ensure a long-term performance.



Product Features



The transmission of data is real-time, fast, and stable

Communication over 2.4G/5G WiFi is supported. Supports fast reconnection, fast roaming, and channel interference in severe environments.4G Full Netcom support. Data transmission that is fast and stable for outdoor applications.



Continuous operation for 24 hours with a detachable battery

The device can operate continuously working (keep scanning tags at the maximum power) for over three hours—with a single 6400mAh battery. The hot-swappable battery can be swapped out without affecting data, and there are also extra batteries and charging cradles for demanding jobs that require continuous

Specifications

Physical Characteristics	
Dimensions	3.1 in. L x 5 in. W x 6.1 in. H
	79.5 mm L x 127.5 mm W x 156 mm H
Weight	16.9 oz./480 g with battery
Display	5.2 in. size Capacitive screen, 1080(W)
2.06.07	×1920(H)
Power	Device battery: removable 6400mAh rated
	capacity. Bottom type-C USB interface,
	support QC 3.0, support intelligently
	identifying PC and charger. Support
	charging cradle for charging the pistol grip
SIM Card Slot	Micro SIM card*1 + PSAM card*1
Expansion Slot	Micro SD Card, 128GB SDHC compatible
Interface/Communication	Industrial waterproof Type-C USB interface,
	support USB2.0 high speed, Support OTG
Notifications	Sound, vibration, LED indicator light
Buttons	Volume +, Volume -, Power on/off button, 2
	scan buttons, pistol grip scan button, and 1
	customer key
Voice and Audio	Built-in speaker of 1W, built-in dual
	microphone, the 3.5 mm stereo headset
	interface
Performance Characteristic	s
CPU	Cortex-A53 Octa core 1.8GHz
Operating System	Android 11
Memory	4GB RAM/64 GB Flash memory
User Environment	
Operating Temp.	-4°F /-20°C to +122°F /+50°C
Storage Temp.	-40°F /-40°C to +122°F /+50°C (include
- •	battery)
	-40°F /-40°C to +158°F /+70°C (no
	battery)
Humidity	5% to 95%, non-condensing
Drop Spec.	Multiple drops from 5 ft./1.5 m
Sealing	IP65
Electrostatic Discharge	±15kV Air discharge, ±8kV direct discharge
(ESD)	
Sensor	Acceleration sensor, optical and distance
	sensor, electronic compass and gyroscope
Data Capture	
Scanning	
Scan Engine	Seuic 2D image scan engine
Camera	
Front camera	Fixed focus. 5MP
Rear camera	Auto-focus, 13 MP, Support double
	flashlights
RFID Read/Write(HF) (Speci	ial Order Option Only)
Read-write tag	Support ISO15693, ISO14443A/B (without
	encryption protocol), ISO14443A encrypted
	tags (Mifare one S50, S70 and the
	compatible cards), support NFC protocol
	and Identification Cards
Frequency	HF Frequency 13.56MHz
Reading distance	Typical value >2.5cm for ISO15693, typical
	value >1.5cm for ISO14443A, and typical
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value >0.5cm for ISO14443B (depending on the tags), support ID cards. RFID Read/Write tag			
RFID Read/Write(UHF)- Standard Configuration Read-write tag Support ISO-18000-6C/EPCC1G2 4dBi circular polarization, default as 920-925MHz 840-960MHz (may be slightly different depending on the country or region), default 902-928MHz Operation Mode Operation Mode Operation Mode Output power Reading distance Reading distance Writing distance Writing distance Authoriting distance Poolocestags/s (actual speed subjects to the influence of surroundings) Writing rate Operation Mode Orecestags/s (actual speed subjects to the influence of surroundings) Writing rate Ookoword (in average with every word as 32bits) Power consumption Iess than 8W (average) GPS Location information collection Positioning system GPS, Beidou, GLONASS (Three in one) Frequency GPS: L1(1.575GH2), Beidou: B1(1.561GH2), GLONASS: L1(1.602CH2) Accuracy 5-10meter (OPEN SKY) Fingerprint (Option) Finge		value >0.5cm for ISO14443B (depending on	
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Bluetooth 4.2(support BLE), Class II		Rand8	
	WPAN		
Accessories	Bluetooth	Bluetooth 4.2(support BLE), Class II	
	Accessories		







PRODUCT SPEC SHEET

AUTOID UTOUCH UHF RFID HANDHELD READER

Standard	Quick charge adapter×1, Type C data	THIRD PARTY APP
	cable×1	System Software
Additional	OTG cable, Hand strap, Single Device	System programm
	Charging Cradle, 4-slot Device charging	environment
	cradle, 4-slot Battery Charger, Handle	
	battery. Handle Satchel	

THIRD PARTY APPLICATION SUPPORT	
System Software	Android 11.0
System programming	Eclipse, Android Studio
environment	
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