

Handheld Android UHF RFID Reader

AT909

Advanced Mobile Computing Device

- All-in-one Reader
- Android 13
- Octa-Core 2.0GHz
- 5.5 Inch HD Display
- 4G LTE, WALN, BLE V5.0, GPS
- 1D & 2D Barcode Scanning
- Dual Camera (5MP / 13MP)
- 7,200 mAh Lithium-Ion Battery
- Durable and Rugged Design
- IP65 / Drop 1.5m



Exceptional RFID Reading Performance

- UHF RFID EPC GEN2, ISO / IEC 18000-6C
- Extended RFID Reading Range
- Circularly Polarized Antenna (4.5 dBi)
- Supports Multiple regional Frequency Bands



AT909 – 20250625

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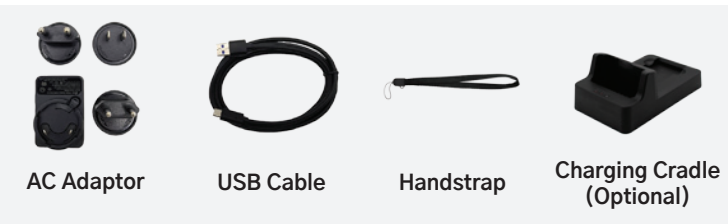
www.atid1.com


All that Identification

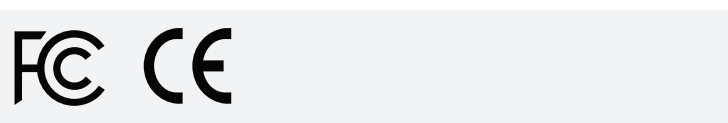
Specification

Performance	
Processor	Cortex A73, 2.0GHz, Octa-Core
Memory	RAM 4GB / ROM 64GB
Operation System	Android 13
Physical Characteristics	
Dimension (L x W x H)	170 x 80 x 145 mm
Weight	600g (with Battery)
Power	7,200 mAh / Lithium-Ion Battery Adaptor : DC 5V / 3A
Display	5.5 Inch IPS HD (720 x 1440)
USB Interface	1 USB Port / Type-C
Notification	LED Indicator, Speaker, Vibrator
Slot	Sim Card Slot x 2 PSAM Card Slot x 2 TF Memory Slot (Support up to 256GB) x 1
Data Collection	
UHF RFID	Protocol : EPC GEN2, ISO/IEC 18000-6C
	Reading Range : ~10m (Depending on Environment and Tag Type)
	Writing Range : ~0.5m (Depending on Environment and Tag Type)
	RF Output : 1W / 30 dBm (Max)
	Support Frequencies (Optional) US / FCC : 902~928 MHz EU / CE : 865~868 MHz
HF RFID (Optional)	Antenna : Circularly Polarized Antenna / 4.5 dBi
	Frequency : 13.56 MHz
	Protocol : ISO 14443A & 15693, NFC-IP1, NFC-IP2
Barcode	R / W Range : 2 ~ 5 cm
	2D Engine (Support to read 1D & 2D Barcodes)
Camera	Front : 5M Pixel
	Rear : 13M Pixel
Wireless Communication	
Bluetooth	BT V2.1 + EDR / BLE V5.0
WLAN	802.11 a / b / g / n / ac (2.4 GHz / 5 GHz)
WWAN	2G : GSM / GPRS / EDGE (850, 900, 1800, 1900 MHz)
	3G : WCDMA (850, 900, 1900, 2100 MHz)
	4G : TDD-LTE (Band 38, 39, 40, 41)
	FDD-LTE (Band 1, 2, 3, 4, 5, 7, 8, 12, 17, 20)
GPS	Embedded A-GPS, Tolerance ±5m
User Environment	
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Humidity	5 ~ 95% RH (non-condensing)
Drop Specification	1.5 m / 5 ft
Sealing	IP65

Accessories



Certification



All features and specifications described are subject to change without notice.



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