

# TAKAME RTA8

## Ultra-long-reading Android handheld HY820

Octa-core/Android 9.0 OS, Impinj Indy R2000/E710 RFID upgradable.  
Barcode, QR code, Camera, GPS all built-in, Barcode/Camera/GPS

### Different regional frequency supportable

USA FCC / Europe ETSI(CE) / Brazil Anatel / Russia / Japan / Korea /  
Thailand standards compatible and customizable.  
IP66 rugged, 10000mAh battery for kinds of application.



### China & Hong Kong

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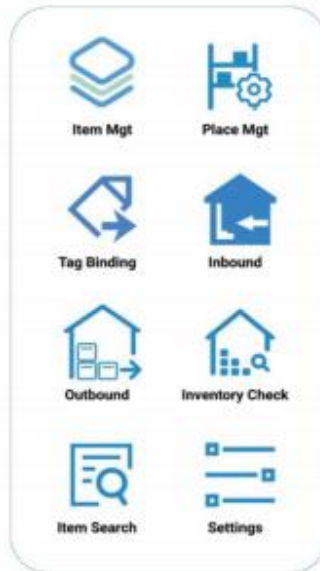
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## Features

-  Built with 4dbi circular polarized antenna, it enables more than 15m reading distance.
-  Widely used in ITS / ETC ,execution inspection, warehousing & logistic, smart retail.
-  Based on MTK Mt6765 2.3GHz CPU,the processing speed is xery fast.
-  10000mAh powerful battery to perfectly meet demands in intensive applications.
-  It can be configured with accurate barcode reading performance.



According to different application scenarios and RFID tag selection, it can reach the farthest 15 reading, some up to 25m.

Up to 200 tags/second. 12 years of dedicated research, master core technology, better anti-collision mechanism algorithm.

## Specification

Performance Characteristics	
CPU	MTK MT6762 Octa-core (4×A53 2.0Ghz, 4×A53 1.5Ghz)
Operating System	Android 9.0 (GMS Certified)
Memory	64 GB ROM+4 GB RAM
Display	5.46" HD+ 720×1440
Standard I/O Port	USB Type C / OTG
Expansion Slot	1 Micro SD Slot, 2 SIM Slots
Notification	Indicator LED, Speaker
Network Characteristics	
WIFI	802.11a/ac/b/g/n (2.4G+5G) GSM(B2/B3/B5/B8) / CDMA/CDMA-EVDO: BC0
WWAN(Overseas)	WCDMA: B1/B8 / TD-SCDMA: B34/B39 TDD-LTE: B34/B38/B39/B40/B41 / FDD-LTE: B1/B3/B8
GPS	GPS/AGPS/Glonass/BeiDou, with internal Antenna
Bluetooth	5.0
UHF RFID	



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Protocol	ISO/IEC 18000-6B, ISO/IEC18000-6C / EPC C1G2 / C2V2
Reading Distance	0- ≥15m(According to Tag & Environment)
Antenna	Circular 4dBi
RF output	0-33dBm adjustable
Frequency	USA:902-928MHz (FCC part 15)
	EU: 865-868MHz (ETSI EN 302 208)
	CHN:920-925MHz(CMII)
	Other frequency & standard optional

### Physical Characteristics

Dimensions(L x W x H)	Full set: 164mm(L)×99mm(W)×148.5mm(H)
Weight	About 630g
Micro SD card	Maximum support 64G Micro SD card
Storage Temp.	-40℃ ~ +85℃
Operating Temp.	-20℃ ~ +70℃
Humidity	5% RH ~ 95%RH (non-condensing)
Drop Spec.	1.2M Drop to concrete
Dust & Water Proof	IP65

### Data Capture & Data Processing Device

Camera	Rear: 13.0MP(PDAF)+Flash led
	Front: 5.0MP(FF)
Barcode Engine	2D Imager Barcode Scanner

### Battery Supply

Main Battery	Lithium Polymer 10,000mAh(Rechargeable)
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### Accessories

Power Adapter	Input AC100V ~ 240V / Output DC 9V 2A
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