

# UHF RFID Reader



## RTEC R6700-H

The R6700-H based on the Android system, is equipped with a high-performance CPU, and has ultra-long battery life. It combines the powerful UHF UHF reading and writing functions with better sensitivity, which helps to achieve more accurate and faster data collection.

### Device Spec

OS	Android 8.1, Support Soti MobiControl, SafeUEM
CPU	Cortex-A53 8 Core CPU 2.5GHz
RAM+ROM	3G + 32G
Expand Memory	MicroSD (TF) expand to 128 GB

### Communication

Bluetooth	Bluetooth v2.1+EDR,3.0+HS,v4.1+HS
WIFI	IEEE802.11 a/b/g/n/ac
WWAN	2G: 900/1800 MHz 3G: WCDMA: B1,B8 CDMA2000 EVDO: BC0 TD-SCDMA: B34,B39 4G: B1,B3,B5,B8,B34,B38,B39,B40,B41
GNSS	BeiDou/GPS/GLONASS, Support A-GPS

### Physical Spec

Touch Panel	Corning Gorilla Glass supports multi-touch
Display screen	5.2" IPS FHD 1920 x 1080
Camera	13 MP Autofocus with flash
Keypad	4 front keys, 1 power key, 2 scan keys, 1 multifunctional key
Audio	Speaker, 2 microphones
Interfaces	USB 2.0 Type-C, OTG, TypeC headphones supported
Expansion Slot	1 slot for SIM card, 1 slot for SIM or TF card
Battery	Main battery: Li-ion, rechargeable, 8000 mAh Standby: over 500 hours Continuous use: over 12 hours (depending on user environment) Charging time: 3-4 hours (with standard adaptor and USB cable)
Dimensions	164.2 x 80.0 x 24.3 mm
Weight	654 g
Sensor	Gravity sensor, Light sensor, Distance sensor

### UHF RFID

Engine	Impinj Indy R2000
Frequency	865-868MHz ETSI 902-928MHz FCC 920-925MHz CN
Air Protocol	EPC global UHF Class 1 Gen 2 / ISO18000-6C
Output Power	5 - 30 dBm
Antenna	Circular antenna, Gain: 4dBi
Reading Rate	>900 tags/s

\*The reading performance is related to the actual environment

### Barcode Scanning (Optional)

1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

### Environment Spec

IP Class	Host IP65 per IEC sealing specifications
Drop	1.5 meters drop
Operating Temp.	-20°C ~ +50°C
Storage Temp.	-40°C ~ +70°C
Humidity	5%-95% (no condensation)
ESD	±15 KV air discharge, ±6 KV conductive discharge

### Order Information

Product #	RTEC-R6700
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