



# RFGate RGM68 UHF Scanner

This is a powerful UHF Scanner that supports both UHF RFID and 2D scanning. Adopting self-developed UHF RFID modules based on the latest Impinj E310 chip and offering excellent single-tag read/write performance, it can read various electronic tags on the market fast and accurately with a maximum reading range of more than 30cm. The scanner also supports high-performance barcode scanning which can scan barcodes in all conditions, no matter whether they are scratched, dirty, damaged, poorly printed or displayed on the screen. The scanner can be widely used in retail chains, inventory management, warehouse logistics, manufacturing, and other application scenarios.



## Specification

### Physical Characteristics

Dimensions	154.0 x 87.8 x 65.0mm / 6.46x 3.43 x 2.56in.
Material	Plastic
Keypad	power key / scan key
Battery	2600mAh (Wireless Version)
Button	UHF、2D、UHF or 2D
LED Indicator	Function :1 for UHF,1 for 2D
	Status : 2 in total, 1 for UHF, 1 for 2D
	Power:1
	Bluetooth: 1
Buzzer	Voice prompt
Ethernet Interface	RJ45 interface, HID USB

### Communication

Bluetooth	Bluetooth Low Energy (BLE) 5.0 (Wireless Version)
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### User Environment

Dropping	1.5m
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### Data Collection

#### Barcode Scanning

Scan Engine	2D Scanner
Min.Resolution	Code 39 – 4mil、UPC – 7.8mil (60%)、PDF417 – 5mil、Datamatrix – 5mil

#### UHF

Engine	Based on Impinj E310
Protocol	EPCglobal CIG2 (ISO18000-6C)
Frequency	920-925MHz / 902-928MHz / 865-868MHz
Output Power	1-25dBm
Output Power Precision	±1dBm
Output Power Flatness	±1dBm
Antenna	Circular Polarized Antenna
R/W range	>30cm (Tag Alien H3)

### Accessories (Optional)

USB Cable	2m, 1 * Type-A, 1 * RJ45
Power Supply	5V 2A