



BLUETOOTH UHF RFID HANDHELD READER M88

INTRODUCTION:

- (1) The shape structure adopts ergonomic design idea, with a good grip experience;
- (2) Multi-function selection and combination: 1D/2D barcode scanning, UHF RFID reading and writing, and other functions;
- (3) 1.3-inch OLED display, which can display reader information and read tag information.
- (4) Multiple indications of working status, power volume and buzzer to meet various working environments.
- (5) Use replaceable 18650 lithium battery;
- (6) Bluetooth communication is convenient for online use with smart terminals (smart phones, tablet computers and etc.);
- (7) Software integration is fast and efficient, providing DLL development files based on Android and Apple IOS platforms

FEATURES:

- (1) Bluetooth communication with existing PDA, smartphone, tablet and etc. to reduce project implementation cost;
- (2) Support the reading and writing of UHF RFID tags of ISO-18000-6C (EPC G2) protocol, with reading distance is 6m (taking AZ9662 tags as reference);
- (3) Multiple prompts for reading status (OLED display, LED indicator, buzzer);
- (4) Use PCB antenna design to reduce the weight of the reader body.

Model	RFGate M88
Data Collection	
RFID module	Impinj Indy R2000
Frequency	865-868MHz
Protocol	ISO-18000-6C-EPC GLOBAL CLASS 1 Generation2
Frequency modulation method	Broad spectrum frequency hopping (FHSS)
Output Power	20-33 dBm adjustable (1dBm step adjustable)
Read Distance	MAX. >7m
Antenna	High gain PCB antenna
Barcode Scanning (optional)	OPTIONAL 1D Zebra SE965 / Honeywell N4313 Code 39, Code 93, Code128, Codebar, EAN- 13, EAN- 8, UPC-A, UPC- E, ITF-14, UCC/EAN- 128, Matrix 25, EAN-128, ISBN and etc.

Communication Interfaces	
USB	USB2.0
Antenna	Human Body Temperature Control + Metal Detection
Electrical Parameters	
Display Screen	1.3-inch White OLED
Button	scan key, power key, menu key, etc. (total 6 keys)
Tag ID storage NAND FL5AH	21845 data cache
Tag reading indicator	128MB
Battery	18650J lithium battery (3.6V, 3100mAH, continuous working for more than 3 hours)
Charger	Input power: AC100~240V, 50~60HZ,0.35A Output power USB DC 5.0V 2.0A / buffer for 3 hours
charging stand	Optional
Physical Parameters	
Shell material	High gain PCB antenna
Size	270(L)*124 (W)*35(H)mm
Net Weight	240g(including battery)
Work Environment	
Humidity	5% to 95%, non-condensing
Protection level	IEC IP65
Operating temperature	-20°C to +70°C
Storage temperature	-25°C to +75°C
Accessories	
Standard	Rechargeable lithium battery, portable charging head, USB charging/data cable

