



MR11A7 Mobile UHF RFID Reader

Wireless RAIN RFID Solution conforming to EPC Class 1 Gen2 and ISO 18000-6C standards, MR11A7 RFID reader is a lightweight, pocket-sized UHF RFID reader designed for mobile operators to identify objects without a line-of-sight at longer distance and fast speed. With built-in Bluetooth® technology, MR11A7 is fully compatible with laptops, tablets, smart phones and other mobile devices with iOS®, Android® and Windows®.

Portable RAIN RFID Solution

- Capable of reading UHF RFID tags from 100 cm away.
- Support up to 6,000 scans with a full battery charge.
- Compact size, lightweight and Ergonomic Design.
- Compatible with iOS, Android and Windows devices.

MT600 Multi-Connected Dongle



Easy and Flexible Operations

- With built-in buzzer, LED and vibrator
- Interfaces : BT HID/ BT SPP/ USB HID/ USB VCP



Optic & Performance	
Frequency	EU 865 - 868 MHz (MR11A7E) US 902 - 928 MHz (MR11A7U)
Standard	EPC Gen2/ ISO 18000-6C
Memory	2 MB
Read Mode	Single-tag Read Multiple-tag Read
Reading Distance	Up to 100cm (depends on tag & environment)
Physical Characteristics	
Dimension	W51.4 × L109.3 × H28.1 mm
Weight	106g (with battery)
Color	White
Material	PC
Cable	Micro(M) to USB A(M) Cable, 1.5M
Trigger	Scan Button, Function Button
Indicator	LED, Buzzer, Vibrator
Electrical	
Operation Voltage	3.7 VDC ± 5%
Working Current	< 450mA
Standby Current	< 120mA
Power Down Current	< 100uA
Battery	3.7V, 1150mAh, Li-ion Battery
Number of Scan (per full charge)	6,000 scans (1 scan/ 5 secs, Bluetooth connected)
Connectivity	
Radio	Bluetooth 2.1 + EDR (Class 2)
Range	33 ft/ 10M (line of sight)
Interface/ Profile	BT HID, BT SPP USB HID, USB VCP Memory
User Environment	
Operating Temperature	-10 ~ 50°C
Storage Temperature	-20°C ~60°C
Humidity	0%~95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	IP42
Regulatory	
ESD	Functional after 4KV contact, 8KV air discharge
EMC/RF	FCC Part 15B Class B, Part 15C CE EN55024/32, EN301489-1-17, EN300328 V2.1.1, EN302208-2, SAR
Safety Approval	EN/IEC60950-1
Environmental	WEEE, RoHS 2.0

* All specifications are subject to change without notice.

