

RFID UHF Handheld Reader Datasheet

■ UHF RFID EPC C1G2 Reader Features

- Compatible with ISO 18000-6C
- Bluetooth paired with smart device (iOS, android and windows system)
- RF out Max=25dBm
- Certification region includes US, TW, VN
- Continuous operation for 4 hours



AL-100 Product Details

Air Interface Protocols	EPC Global UHF Class 1 Gen2 / ISO 18000-6C
Transmit Power	0 to +25dBm (1dBm/per step)
Frequency region	US, TW, VN
Antenna	Circular polarized
Communication	Bluetooth: [®] Version 4.2 Bluetooth range: 8m(26ft)
	Micro USB: Communicate with the selected computer
Nominal Read Range	3m (16ft) depends on tags
Nominal Write Range	1m (10ft) depends on tags
Battery Pack	non-Removable, rechargeable, 3.6 V Lithium Polymer 1515mAh, 4 watt hours
Power Consumption	Average current 250mA, (BT&RFID operation) Standby current 50mA, (BT ON) Peak current 250mA, (BT&RFID operation)
LED	Power(Green), Charge(Red), Bluetooth(Blue), Low Battery(Yellow), Tag Signal(Red1) 、 Module Run(Green1)
Operating Temperature	-10°C to +40°C
Charging Temperature	5°C to +40°C
Storage Temperature:	-40°C to +60°C
Humidity	5% to 85% non-condensing
Dimension	188.75mm X 73mm X 18mm
Weight	155g