

# AL-700

# RFID UHF Handheld Reader Datasheet

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## UHF RFID EPC C1G2 Reader features

- Compatible with ISO 18000-6C
- Bluetooth paired with smart device (iOS, android and windows system)
- Support 1D & 2D symbol recognition
- RF out MAX=29dBm
- Support for detachable reading
- Certification Region Includes US, TW, CN, JP, VN
- Continuous operation for eight hours



 **Bluetooth®**

## AL-700 Product Details

Air Interface Protocols	EPC Global UHF Class 1 Gen2 / ISO 18000-6C
Transmit Power	0 to +29dBm (1dBm/per step)
Frequency region	US, TW, CN, JP, VN
Antenna	Circular polarized
Communication	Bluetooth: ® Version 4.2 Bluetooth range: 8m(26ft) Mini USB: Communicate with the selected computer
Nominal Read Range	5m (16ft) depends on tags
Nominal Write Range	3m (10ft) depends on tags
Battery Pack	non-Removable, rechargeable, 3.7 V Lithium Polymer 4500mAh, 8 watt hours
Power Consumption	Average current 120mA, (BT&RFID operation) Standby current 40mA, (BT ON) Peak current 380mA, (BT&RFID operation)
Symbologies Supported	Support 1D barcode, 2D QR code symbol recognition
LED	Bluetooth(Blue), Signal(Green), Power(Red)
Environment IP Rating	IP65
Shock and Vibration	Meets and exceeds applicable Mil-Std-810G for drop, tumble and sealing
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	150mm X 80mm X 150mm
Weight	360g