# RIOTEC

# Pocket 1D barcode scanner

## Features

- **Small size 100 x 43 x 27mm: easy to carry**
- **LCD Screen (32 x 25 mm)**
- **BT Class I: transmission distance 70~100m, Line Of Sight**
- **Support Android / IOS / Windows / MAC devices**
- **Can Choose Direct-scan or Memory-scan modes (batch mode)**
- **Keyboard Toggle On iOS Device**
- **Multi-language UI setting: English, Spanish, Japanese, German, French**
- **Long working time: more than 20,000 scans/per fully charged.**
- **Wearable set (glove, holder, trigger cable)**
  **can be used for right/left hand use**

## Scanner(Data Collector) Specifications：

| | |
|---|---|
| Model Name | **iDC9607AW** |
| Description | Bluetooth Barcode Scanner |
| Engine | Ultra-long range CCD engine |

## Performance Characteristics

| | |
|---|---|
| • Light Source | 610nm~640nm Red LED |
| • LCD Panel (with back Light) | Dots: 128 x 64<br>Viewing Area: 32 x 25 mm |
| • Depth of field | 13 mil EAN 13 l :  440 mm |
| • Scan Speed | 300 scans/sec |
| • Best Resolution | 4 mil  Code 39 |
| • Print Contrast | 30% or more |
| Indicators | green/red LED & beeper |
| • Charge | Mini USB port |
| • Symbologies | Code 128,EAN-13, EAN-8,, Code 39, UPC-A, UPC-E,Codabar,Interleaved 2 of 5, ISSN, ISBN,Code 93,MSI,Matrix 2 of 5,Industrial 2 of 5,Code 11,RSS-14 RSS-14-limited,RSS-14-expand |
| • Interface | through BT |

## Electrical Characteristics

| | |
|---|---|
| • Input voltage | 5 V/DC ± 5% |
| • Current - Reading | 180 mA max |
| • Radio Range | BT Class 1 (70~100m in open area, based on real operation environment) |
| • RF Frequency | 2.4GHz |
| • Communication | HID profile, SPP profile |
| • Battery Type | 3.7V 900mAh Li-Ion battery |
| • Scans per charge | more than 20,000 scans<br>test mothed: one scan per one second. |
| • Charge Time | 4 ~ 5 hours |
| • Power cable | Mini USB cable |
| • Memory capacity | 1MB (can save 65,000 sets more EAN 13 barcode) |

## Physical Characteristics

| | |
|---|---|
| • Dimension (L x W x H) | Scanner 100 x 43 x 27 mm |
| • Weight | Scanner 72 g +/- 5 g,  Glove + Holder + Ring Trigger Cable  60g +/- 2g |

## User Environment

| | |
|---|---|
| • Temperature-operation | 0°C to 50°C |
| • Temperature-storage | -10°C to 60°C |
| • Humidity | Up to 95% relative humidity, non-condensing |

## Depth of Field   (DOF is measured at the office under 600 lux and by Standard barcode.  There are +/- 10 mm Torrence. DOF may be also impacted by barcode quality and environmental conditions. )

| | |
|---|---|
| • 4  mil Code39 | 75mm ~ 180mm |
| • 5  mil Code39 | 70mm ~ 200mm |
| • 13 mil EAN 13 | 55mm ~ 440mm |