# RIOSCAN 1D SCANNER

**RIOTEC**

* The Smart Barcode Scanner is designed for Android/iOS phone use.
* Communication interface:
  BT communication: HID profile or SPP profile (for iOS/Android devices)
  Wired communication: USB OTG cable (for Android OTG devices)
* iLS6300FS with 1MB memory, supports data transmission & batch mode.
  1MB memroy can save 65,000 EAN13 codes.
* Unique Scan Holder design makes smartphone & scanner combined easily & closely
* Cradle works as charging stand for both scanner & smartphone.



## Scanners Specifications :

| | |
|---|---|
| Model Name | **iLS6300FS** |
| Description | Bluetooth Laser Barcode Scanner |
| Engine | 1D Laser Engine |

### Performance Characteristics

| | |
|---|---|
| • Light Source | 650 nm Laser Diode |
| • Depth of Field (13mil) | 200 mm |
| • scan rate | 60 scan /sec |
| • Best Resolution | 0.1 mm (4 mil) - Code 39 |
| • Print Contrast | 40% or more |
| • Scan Angle | Yaw 65°, Rotation 30°, Pitch 55° |
| • Indicators | LED & beeper |
| Auto-sensing | Up to 150 mm |
| • Interface | BT communication: HID profile or SPP profile (for iOS/Android devices) Wired communication: USB OTG cable (for Android OTG devices) |
| • Symbologies | Code39, Code39 Full ASCII ,Code32,UPC-A, UPC-E, EAN-13,EAN-8,Code93 , Code128,Codabar,Interleaved 2of 5, MSI,Code11 ,Matrix 2 of 5 ,ISBN, ISSN, ITF 14, ,GS1 Databar,GS1-128 |

### Electrical Characteristics

| | |
|---|---|
| • Input voltage | 5 VDC ± 5% |
| • Current - operating | 85mA max |
| • Radio Range (open area) | BT Class 1 (70~100m in open area, based on real operation environment) |
| • RF Frequency | 2.4GHz |
| • Battery Type | AA NiMH rechargeable battery  1.2V x 2 ( 2.4V 2300mAH) |
| • Scans per charge | more than 25,000 scans when fully charged |
| • Charge Time | 4 ~ 5 hours |
| • Memory capacity | 1MB (can save 65,000 sets more EAN 13 barcode) |

### Physical Characteristics

| | |
|---|---|
| • Dimension (L * W * H) | 203 X 65 X 95 mm (for scanner) |
| • Weight | 202 g +/- 5 g  (for scanner), 225 g +/- 5 g  (for cradle) |

### User Environment

| | |
|---|---|
| • Temperature-operation | 0°C to 50°C |
| • Temperature-storage | -10°C to 60°C |
| • Humidity-operation | 5% to 95% relative humidity, non-condensing |
| Humidity-storage | 5% to 95% relative humidity, non-condensing |
| • Ambient Light | Fluorescent Light 300 lux to Sun Light 30000 lux |

### 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 | 30mm - 110 mm |
| • 5  mil Code39 | 30mm - 130 mm |
| • 13 mil EAN 13 | 30mm - 200 mm |

*Product specification is subject to change without notice.*