

## Features

- 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)**
- iLS6308KS 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  | <b>iLS6308KS</b>             |
| Description | Bluetooth 2D Barcode Scanner |
| Engine      | Opticon MDI-4100             |

## Performance Characteristics

|                        |   |
|------------------------|---|
| • Illumination Element | White LED   |
| • Aiming LED           | 525nm (Green)   |
| • Depth of Field       | (13 mil) UPC-A : 230 mm   |
| • Scan Speed           | 100 frame /sec  |
| • Best Resolution      | 1D (CODE39) : 5mil<br>2D (PDF417) : 6.7mil  |
| • Print Contrast       | ≥ 20%   |
| • Scan Angle           | Tilt: 360° / Pitch ±65° / Skew ±65°   |
| • Indicators           | LED & beeper  |
| • Interface            | BT communication: HID profile or SPP profile (for iOS/Android devices)<br>Wired communication: USB OTG cable (for Android OTG devices)  |
| • Symbologies          | 1D: UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), Industrial 2 of 5, Interleaved 2 of 5, S-Code, Code 128, Code 93, IATA, MSI/Plessey, UK/Plessey, Telepen, Code 11, Matrix 2 of 5, Chinese Post Matrix 2 of 5, Korean Postal Authority code, Intelligent Mail Barcode, POSTNET, JPN (Customer Barcode), GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1 DataBar, Composite GS1-128, Composite EAN, Composite UPC<br>2D: PDF417, MicroPDF417, Codablock F, QR Code, MicroQR Code, Data Matrix (ECC 000-140 / ECC 200), Aztec Code, Aztec Runes, Chinese-sensible code, Maxi Code |

## Electrical Characteristics

|                           |  |
|---------------------------|--|
| • Input voltage           | 5 VDC ± 5%   |
| • Current - operating     | 470 mA max   |
| • Radio Range (open area) | BT Class 1 (70~100m in open area, based on real operation environment) |
| • RF Frequency            | 2.4GHz   |
| • Battery Type            | 3.7V 900mAh Li-Ion battery   |
| • Scans per charge        | more than 10,000 scans when fully charged                              |
| • Charge Time             | 4 ~ 5 hours  |
| • Memory capacity         | 1MB<br>(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              | 5% to 90% relative humidity, non-condensing |
| • Ambient Light         | 0-100,000 lux                               |

## Decode Zone (Based on Symbol's Standard Code 39 PCS=0.9 label and 600 lux environment. There are +/- 1 cm tolerance)

|                      |            |
|----------------------|------------|
| • 10 mil Code 39     | 45 ~ 190mm |
| • 13 mil UPC         | 45 ~ 230mm |
| • 6.7 mil PDF417     | 40 ~ 115mm |
| • 10 mil PDF417      | 35 ~ 165mm |
| • 6.7 mil QR Code    | 55 ~ 75mm  |
| • 15 mil QR Code     | 10 ~ 195mm |
| • 10 mil Data Matrix | 40 ~ 130mm |
| • 7.9 mil Code 128   | 60 ~ 145mm |

Product specification is subject to change without notice.