

# POS EXPERT

## 10S

### 2D Wired Barcode Scanner

Easy To Use

Stylish Appearance

Strong Performance



1D/2D



Mobile payment



32-bit



Red LED



Plug and play



640x480 Pixels



1.5M Drop



## Applications



## Features

- Unique appearance and stable structure
- Ultra long depth of field, support scanning barcodes from a wide range
- Quick reading all kinds of 1D/2D barcodes on paper and screen
- Strong decoding capability on 3mil barcodes and difficult barcodes (blurred, wrinkled, low contrast, high density, long barcodes)
- Support multiple interfaces, USB HID, USB-VCOM and RS-232
- Fit with retail stores, supermarkets, restaurants, pharmacies, etc

# 10S

## Technical Parameters

| Performance Parameter |                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                   | 32bits ARM                                                                                                                                                                                                                                                                                                                                   |
| Light Source          | White LED (Lighting) Red LED(aiming)                                                                                                                                                                                                                                                                                                         |
| Scan Mode             | Manual & Automatic & Continuous                                                                                                                                                                                                                                                                                                              |
| Image Sensor          | CMOS                                                                                                                                                                                                                                                                                                                                         |
| Resolution            | 640x480 Pixels                                                                                                                                                                                                                                                                                                                               |
| Scan Speed            | 60FPS                                                                                                                                                                                                                                                                                                                                        |
| Scan Precision        | ≥3mil(code 128 6 digits)                                                                                                                                                                                                                                                                                                                     |
| Depth of Field        | 60~300mm (13mil code39)                                                                                                                                                                                                                                                                                                                      |
| Print Contrast        | ≥15%                                                                                                                                                                                                                                                                                                                                         |
| Interface             | USB-HID, USB-VCP, RS232                                                                                                                                                                                                                                                                                                                      |
| Decoding Capability   | 1D:Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, ISBN, ISSN, GS1 DataBar (RSS14) , GS1 DataBar Limited, GS1 DataBar Expanded, MSI, Standard 25, Plessey<br>2D: PDF417, Micro PDF417, QR Code, Data Matrix, Aztec Code, Hanxin code, Maxicode |



| Physical Parameter |                                |
|--------------------|--------------------------------|
| Size               | L × W × H: 170.9×64.4×86.8(mm) |
| Weight             | 175g(scanner); 175g(base)      |
| Case Material      | ABS+PC                         |

| Electrical Parameter |         |
|----------------------|---------|
| Input Voltage        | DC5V±5% |
| Working Current      | 260mA   |
| Standby Current      | 140mA   |

| Enviromental Parameter      |                            |
|-----------------------------|----------------------------|
| Temperature (Operating)     | -10℃~50℃                   |
| Humidity                    | 5% to 95% (non-condensing) |
| Temperature (Storage)       | -20℃~60℃                   |
| IP GRADE                    | IP42                       |
| Resistance To Ambient Light | 0-100000 lux               |

| The depth of field performance |                      |                      |
|--------------------------------|----------------------|----------------------|
| code 39 (6 digits)             | Minimum distance(mm) | Maximum distance(mm) |
| 4mil                           | 60                   | 120                  |
| 8mil                           | 40                   | 200                  |
| 13mil                          | 60                   | 300                  |
| 20mil                          | 90                   | 400                  |
| EAN 13(6 digits)               | Minimum distance(mm) | Maximum distance(mm) |
| 4mil                           | 60                   | 120                  |
| 8mil                           | 20                   | 210                  |
| 13mil                          | 40                   | 300                  |
| 20mil                          | 60                   | 410                  |
| code 128 (6 digits)            | Minimum distance(mm) | Maximum distance(mm) |
| 4mil                           | 50                   | 120                  |
| 8mil                           | 20                   | 200                  |
| 13mil                          | 30                   | 290                  |
| 20mil                          | 50                   | 400                  |
| QR (30 digits)                 | Minimum distance(mm) | Maximum distance(mm) |
| 6mil                           | 40                   | 90                   |
| 15mil                          | 20                   | 200                  |
| 20mil                          | 30                   | 270                  |
| 45mil                          | 60                   | 500                  |

