

## Barcode Scanning Box HS-2011

### General

HS-2011 is a high-performance scanning box that can easily read all kinds of 1D barcodes and read 2D QR barcodes at high speed. HS-2011 has a very high scanning rate for linear barcodes. For paper barcodes and barcodes on the display, HS-2011 can also easily scan and handle various scanning applications.

The HS-2011 is built to meet the most demanding scanning requirements, providing consistent scanning performance in a completely dark environment as well as over an extended temperature range. HS-2011 is based on solid state technology that meets the most stringent standards for exposure, as well as shock and vibration.

### Feature

- Quickly and accurately identify 1D code and QR code
- Green low power consumption
- Rich application scenarios
- Ergonomic design
- Stable, precise, convenient, practical, and efficient
- Compatible with multiple systems

### Specification

|                                |                                                                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Performance parameter          |                                                                                                                                                          |
| Image Sensor                   | CMOS                                                                                                                                                     |
| Pixel                          | 648*488 CMOS                                                                                                                                             |
| Illumination                   | White light led                                                                                                                                          |
| Reading code system            | 2D: PDF417, QR Code, Data Matrix                                                                                                                         |
|                                | 1D: Code128, EAN-8, EAN-13, UPC-E, UPC-A, Interleaved 2 of 5, Matrix 2 of 5, Industrial 25, Code 39, Codabar, Code 93, Code 11, MSI-Plessey, GS1-DataBar |
| Reading accuracy               | 1D: EAN-13 (15mil) 0-100mm (13mil) 0-150mm<br>2D: QR Code (15mil) 0-90mm (30mil) 0-150mm                                                                 |
| Bar code sensitivity           | Tilt: $\pm 65^\circ @ 0^\circ$ Roll and $0^\circ$ Skew                                                                                                   |
|                                | Rotate: $\pm 360^\circ @ 0^\circ$ Pitch and $0^\circ$ Skew                                                                                               |
|                                | Deflection: $\pm 60^\circ @ 0^\circ$ Roll and $0^\circ$ Pitch                                                                                            |
| Data interface                 | USB HID/KBW interface, USB virtual serial port interface, RS-232 interface                                                                               |
| Field of view                  | 28° horizontal and 21.5° vertical                                                                                                                        |
| Typical reading depth of field | Code 39                                                                                                                                                  |
|                                | 5mil 6-8cm                                                                                                                                               |
|                                | 15mil 4-15cm                                                                                                                                             |
| Physical parameter             |                                                                                                                                                          |

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|                                |                                                                               |
|--------------------------------|-------------------------------------------------------------------------------|
| Size (length * width * height) | 78.4*67.2*53.2mm                                                              |
| Weight                         | 185.9g (including USB cable)                                                  |
| Prompt mode                    | Buzzer, LED indicator                                                         |
| Electrical parameters          |                                                                               |
| Voltage                        | Operating 5VDC $\pm$ 5%                                                       |
| Current                        | Working current 210mA<br>Stand-by current 70mA                                |
| Environmental parameters       |                                                                               |
| Operating temperature          | -20℃ ~ +50℃ (-4°F~122°F)                                                      |
| Storage temperature            | -40℃ ~ +70℃ (-40°F~176°F)                                                     |
| Relative humidity              | 5%~95% (no condensation)                                                      |
| Accessories list               |                                                                               |
| Data line                      | Cable (2m) USB (HID-KBW, Virtual serial port) and RS232 interface at optional |

## Picture



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