

# Mini OEM RS232 2D Reader Embedded QR Code Barcode Scanner HS-2002B

HS-2002B has embedded compact body; rich application scenarios and integrated design of body and data line, besides, it also has features of no plugins required lightning invoicing.

## Application Scenarios

- Supermarket Cashier counter
- Self-service vending machine
- self-service ticket vending machines
- cinema ticket machines
- payment windows
- ticket pick-up machines
- Gates
- etc



## Specification

|                                |                                                           |                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                   | 640x480 CMOS                                              |                                                                                                                                                                                                                                                     |
| Ambient light intensity        | 0~100000Lux                                               |                                                                                                                                                                                                                                                     |
| Illumination                   | No lighting mode, reading light mode, constant light mode |                                                                                                                                                                                                                                                     |
| Reading code system            | 1D                                                        | Code128,UCC/EAN-128,AIM128,EAN-8,EAN-13,ISSN,ISBN,UPC-E,UPC-A,Interleaved 2 of 5,ITF-6,ITF-14,Matrix 2 of 5(European Matrix 2 of 5),Industrial 25, Standard 25,Code 39,Codabar, Code 93,Code11 ,Plessey,MSI- Plessey,RSS-14,RSS-Limited, RSS-Expand |
|                                | 2D                                                        | PDF417,Data Matrix,QR.Micro QR                                                                                                                                                                                                                      |
| Reading accuracy               | >5mil                                                     |                                                                                                                                                                                                                                                     |
| Typical reading depth of field | QR CODE( 30MIL) 0-15CM<br>CODE 128 (10MIL) 0-12CM         |                                                                                                                                                                                                                                                     |
| Bar code sensitivity           | tilt                                                      | ±60°@ 0°Roll and 0° Skew                                                                                                                                                                                                                            |
|                                | Rotate                                                    | 360°@ 0°Pitch and 0° Skew                                                                                                                                                                                                                           |
|                                | deflection                                                | ±55°@ 0°Roll and 0° Pitch                                                                                                                                                                                                                           |
| Minimum contrast               | >30%                                                      |                                                                                                                                                                                                                                                     |
| Data interface                 | RS-232, USB, USB virtual serial                           |                                                                                                                                                                                                                                                     |
| Physical parameter             | Dimension                                                 | 67*53*34.5mm (L* W * H)                                                                                                                                                                                                                             |
|                                | Packing                                                   | 2 single packs, 40 packs/boxes                                                                                                                                                                                                                      |
|                                | weight                                                    | Single: 260g:FCL: 5.85kg                                                                                                                                                                                                                            |
| Prompt mode                    | Buzzer, LED indicator                                     |                                                                                                                                                                                                                                                     |
| Current                        | Maximum current                                           | <150mA                                                                                                                                                                                                                                              |
|                                | Working current                                           | 90mA±15mA                                                                                                                                                                                                                                           |
|                                | stand-by current                                          | 65mA±2mA                                                                                                                                                                                                                                            |
| Environmental parameters       | Operating temperature                                     | -20°C~50°C                                                                                                                                                                                                                                          |
|                                | Storage temperature                                       | -40°C~70°C                                                                                                                                                                                                                                          |
|                                | Relative humidity                                         | 5%~95% (no condensation)                                                                                                                                                                                                                            |