# Ring Barcode Scanner
# New Design To Free Your Hands
# SYMCODE R30

**2D Extreme Performance 1280*800 Pixels(1MP)**
**Dual-wireless transmission-Intelligent Display**
**Compatible with Android, IOS, Windows**

### Innovative design

Light and unique wearable ring design

### Multiple connections

Dual wireless (2.4G + Bluetooth) is a perfect combination of high-performance long-distance connection technology making scanning easily and freely;
Support USB communication, plug and play.

### High performance scanning

**2D Extreme Performance 1280*800 Pixels (1MP)** scanning engine with accurate and fast scanning performance, not only can accurately read the barcodes on paper and commodities, but also has superior reading ability for barcodes displayed on various screens to meet the high-end scanning performance requirements.

### Diverse scanning feedback

With a highlight buzzer, LED indicator and motor vibration, scanning actions can be clearly indicated even in noisy environments.

# SPECIFICATIONS

## Basic Characteristics

| | |
|---|---|
| Dimension | 16.5cm x 6cm x 8.4cm |
| Color | Wine red |
| Weight | 382g(without cable) |
| Light Source | Aiming Pattern: Square 617nm Red LED |
| Illumination | 6500K LEDs |
| Image Sensor | 1280*800 Pixels (1MP) |
| Minimum Print Contract | 15%PCS |
| Skew/Pitch/Roll | Pitch: ±65˚ |
| | Roll: 0-360˚ |
| | Skew: ±60˚ |
| Indicators | Beeper, LED |
| Scan Pattern | Manually trigger(standard), Presentation Mode(Blink) |
| Motion tolerance | 63.5CM/S |

## Decode Range (Typical)

| | |
|---|---|
| 5mil(Code39) | 1.1–6.5in.2.8–16.5cm |
| 13mil(UPC-A) | 0.5–9.7in.1.3–24.6cm |
| 20mil(QR Code) | 0.5–15.2in.1.3–38.6cm |
| 6.8mil(PDF417) | 0.9–7in.2.3–17.8cm |
| 10mil(Datamatrix) | 1.1–7.5in.2.8–19.1cm |
| Support Host Interfaces | RS232、USB  USB-COM |

## Environmental

| | |
|---|---|
| Operating Temperature | -20℃ to 50℃(-4~122℉) |
| Storage Temperature | -40℃ to 80℃（-40~176℉） |
| Humidity | 5% to 95%（non-condensing） |
| Drop/Tumbl | Designed to withstand 50 drops on concrete from 1.2m |
| Light Levels | 100000Lux Max |

## Decode Capabilities

| | |
|---|---|
| 1D | EAN-8, EAN-13, Codabar, CODE 39, CODE 93, CODE 128, China Post, GS1-128, UPC-A, UPC-E, UCC/EAN 128, ISBN/ISSN, ISBT, Interleaved 2 of 5, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI, RSS, ITF14, Telepen, etc. |
| 2D optional | QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF417, Maxicode, Aztec, Hanxin, etc. |

## Wireless features (Optional)

| | |
|---|---|
| Bluetooth Version | 2.1+4.1(support HID, SPP, BLE mode) |
| Communication Distance | more than 10m |
| 2.4GHz (Visible distance) | more than 150m |

## Electrical parameter (Optional)

| | |
|---|---|
| Current | 3.3V DC±5%@280mA |
| Battery | 1800mAh |
| Charging Times | less than 3 hours |
| Standby Times | more than 30 days |
| Operation Times | more than 70 hours, 1 scan/ 5 second |
| Electrostatic Discharge(ESD) | +/-15kV Air, +/-8kV Direct, +/-8kV Indirect |



**Bluetooth**

Compatible