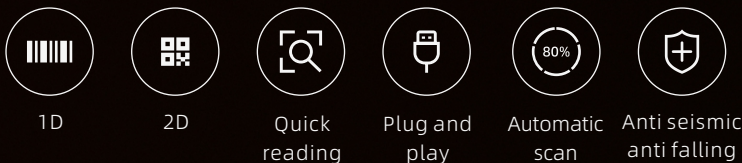# HENEX

# 2D WIRELESS BARCODE SCANNER
## HC-3209R

Don't need any driver, plug and play.

Super battery capacity up to 2000mAh.

Read all 1D and 2D code on screen and paper.

Communication model: 2.4G, bluetooth and USB-Type-B cable.

Communication distance (open air): 2.4G:100meters BT: 40meters.

Charge time is 3 hours and continuous scanning time is 24hours.

Support double firmware upgrade online: wireless and decoder.

The world's first screw free design, easy to assemble and save labour cost.

## APPLICATION

Mainly used in business,payment,health care,tobacco,some industries,etc.

| 1D | 2D | Quick reading | Plug and play | Automatic scan | Anti seismic anti falling |
|---|---|---|---|---|---|

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# HC-3209R
## TECHNICAL SPECIFICATION

| OS | Image Sensor | Image(Pixels) | light source | Scan Mode |
|---|---|---|---|---|
| **OS** Windows / iOS / Android | **CMOS** | 640 (H)*480 (v)pixels | Aiming: 625 nm LED; illumination:4000K LED | Handhand (Manual) / Handfree (Automatic ) |

| FPS Frame Rate | Scan accuracy | Print Contrast | Visual Indicator | Transmission Range |
|---|---|---|---|---|
| 30fps/s | ≥ 4mil@ Code39 | ≥ 20% | Green LED light, Buzzer, motor vibration | 2.4G:100m; Bluetooth HID/BLE/SPP: 40m(in open air) |

| Scan Angle | Field of view | Work frequency | Dimension H x W x L | Weight |
|---|---|---|---|---|
| Left and right: ± 55° Front and rear: ± 55° Rotate: 360° | 45° horizontal,34° vertical | 2.400GHz-2.480GHz ISM frequency | 179*68*94（mm） | 176g（With USB Dongle） |

| Case Material | Memory Capacity | Power parameter | Firmware Update | Scan distance |
|---|---|---|---|---|
| ABS+PC、TPU | 380000 byte | Input Voltage： 5VDC±5% Working corrent： 400mA | Computer online upgrade | 20-200mm @ EAN 13mil PCS=100%；5-170mm @ QR 20mil PCS=100% |

| Paired Mode | Battery Parameters | Safety regulations | Environmental parameters |
|---|---|---|---|
| one to one, or one to more (Optional) | Battery Capacity： 2000mAh Charge Mode： Wire charging Charge time： 5h Working time： 12h (continuous scanning) | CE (EN 55032:2015; EN 55035:2017), ROHS，BIS, EN62368-1:2014+A11:2017 FCC PART 15 CLASS B | Operating Temperature： -10℃~+ 50℃ Working Humidity： 5% to 95% relative humidity, non-condensing Storage Temperature： -20℃~+60℃  Electrostatic protection： ±8 kV（Direct discharge） Ambient brightness： 0~100,000Lux    Drop Resistance： 1.6M        IP： IP42 |

### Decoding Capability

1D:  UPC/EAN/JAN,UPC-A & UPC-E,EAN-8 & EAN-13, JAN-8 &JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128,Code 93, Interleaved 2 of 5 (ITF),Addendum 2 of 5, IATA Code,MSI/Plessy, China Postal Code,Code 32 (Italian Pharmacode)，etc.

2D:  QR Code, Data Matrix, PDF417, Aztec, Maxicode，Dotcode，GS1 DataBar stack，etc.        OCR(Chinese ID card and some overseas national certificates)

### Optional configuration

| one to one | one to more |
|---|---|