# 2D Wireless Bluetooth Clip-on Scanner

## K-20

**Features:**
- Can interpret all kinds of 1D/2D code, direct Chinese 2D code
- 512000 characters can be stored in offline/inventory storage mode
- Bluetooth connection, easy and fast
- Wireless Bluetooth empty 50-100 meters

| | | | |
|---|---|---|---|
| 1D/2D | Bluetooth | 100M | Restaurant |
| Drop test 1.5M | Cable 1m | USB | Retail |

## Performance Parameters

| | |
|---|---|
| Light Sources: | 617nm LED Aimer, White LED |
| Supported Symbologies: | **1D:** Code 128, EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code 11, ITF-25(Interleave 2 of 5), Code 39, Code 93, Code 32, CodaBar, Matrix 2 of 5, Industrial 25, IATA25, MSI-Plessey. **2D:** QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec. |
| Scan Type: | Image CMOS |
| Resolution: | 640*480 |
| Scan Mode: | Manual/Continuous/Automatic Scintillation |
| Scan Angle: | Yaw45°, Rotaion 360°, Pitch45° |
| Contrast: | ≥20% |
| Field Angle: | 48°(H) x 36°(V) |
| Precision: | ≥4mil |
| Depth of Scan Field: | EAN-13(13mil): 4-25cm, Code39(4mil): 4-10cm, QR code(15mil): 2-170cm |
| Error Rate: | 1/5million |
| Interface: | Receiver: USB-HID, Bluetooth: HID, BLE, SPP |
| Communication Mode: | Paired dedicated receiver: 2.4g communication; Paired mobile bluetooth devices: Dual-mode Bluetooth |
| Transmission Distance: | 100M(Open Yard) |
| Pairing Mode: | 1, through the bar code pairing 2, special pairing button |
| Prompt Function: | 1, power prompt 2, connection prompt |
| Pairing Mode: | One to One: One Scanner Pairs One Receiver, One scanner paired with a Bluetooth mobile device. |
| Receiver: | Dedicated Bluetooth USB flash drive receiver for Android /IOS mobile devices |

Storage Mode: Offline Storage Mode: When the scanner exits the connection range, the data is automatically stored. Storage capacity is 512000 characters. Inventory storage mode: Scanner can enter inventory mode, storage capacity is 512000 characters.

## Physical Parameters

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|---|---|
| Dimension | 69mm*36mm*153mm |
| Material | ABS+PC |
| Cable | 1M straight |

## Environmental Parameters

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|---|---|
| Operating Temperature | -20℃~50℃ |
| Storage Temperature | -40℃~70℃ |
| Humidity | 0%~95%RH (Non-condensing) |
| Drop Resistance | Withstands multiple 1.5m drops to concrete |

## Electrical Parameters

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|---|---|
| Voltage: | DC 5V±5% |
| Lithium battery: | 3000mA |
| Charging Time: | 3-4.5h |
| Battery Working Time: | 12h |
| Operating Current: | when not scanning code ≥26mA; when scanning code ≥250mA |
| Standby Current: | 0mA(Standby is to cut off battery power) |
| Charging Model: | TypeC USB charging cable, plug-in direct charging |