# I2-B
## Industrial 2D Image Wireless Scanner

I2-B is adopting CMOS image sensor in combination with Bluetooth, ultra-strong compatibility without the need of using wires. The device delivers industrial leading performance and durability in Retail, Commercial, Bank, Financial and other fields of applications.

It can connect to any Bluetooth mobile phone, pad, computer, including IOS system device without the need of setting up Bluetooth pairing, widely used in supermarket, chain stores, shops, clothing store, electronic ticket and coupons scanning, mobile payment and tax affairs applications.

## Characteristics

**Ultra-long distance transmission :**
Bluetooth communication mode, automatically modulate the frequency to reduce radio frequency interference from other wireless devices.

**Widely used and easy setting :**
Support any Bluetooth mobile phone, pad, computer, including IOS system device connecting without setting up Bluetooth pairing.

**Excellent identification ability :**
Fully support all commonly 1D, 2D barcodes and paper barcode, quick and accurate scanning.

**Powerful endurance ability :**
1600mAh rechargeable polymer lithium battery, the device can continuously run for more than 30 hours with the fully charged, and scan 400,000 times.

**Convenient and comfortable handle :**
Fashion and ergonomics design with convenient and comfortable handle doubles and boost the work efficiency.

**Industrial grade durability :**
IP54 industrial grade, solid and light body made of ABS + PC materials can bear the height of 4m dropping and ground impact.

IP54

## Partners

Microsoft    QUALCOMM    Honeywell    T··Systems·    INGRAM MICRO    swisslog    FOXCONN

# I2-B Specifications

## Performance Parameter

| | |
|---|---|
| Light source | White LED ( 6500K) |
| Image sensor | CMOS (image based) |
| Decoding rate | 300 times/s |
| Decoding capabilities | 1D: EAN-13 (Available with verification codes), EAN-8 (Available with verification codes), UPC-A (Available with verification codes), UPC-E (Available with verification codes), ISSN, ISBN, Codabar, Code 128 (including FNC1, FNC2 and FNC3 subsets),Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar (RSS-Expand, RSS-Limited, RSS-14 ) Code 39 (including Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey, etc. 2D: PDF417,DataMatrix,QR code, etc. |
| Angle | ±42°,±65°,±65° Roll, skew, pitch |
| Resolution | 4mil |
| Depth of field | 40mm - 350mm |
| Printing contrast | 30% |
| Prompting mode | Buzzer, LED indicator |
| Interface | Built-in USB, RS-232 serial port, USB-COM can be identified automatically. |
| Trigger mode | Manual, continuous automatic scanning; auto sensing (optional) |
| Setting mode | Scan and set up barcode (including e-document) |
| Frequency | 2400MHZ |
| Communication distance | 70m (in open space) |
| Transmission rate | 1Mbps |
| Current | 200mA (operation); 90mA (standby); DC 5 V±0.25V (charging) |
| Capability of battery | 1600mAh; charging time: 4.5h |

## Physical Parameters

| | |
|---|---|
| Overall dimension | LXWXH (120 x 71 x 176mm); |
| Weight | Approximately 187g (including the batteries and excluding the wires); |
| Material | ABS+PC (environment-friendly material) |

## Environmental Parameters

| | |
|---|---|
| Temperature | 0°C - 45°C (work); - 40°C - 60°C (storage) |
| Seismic capacity | Withstand multiple drops from a height of 3m to a concrete floor. |
| IP degree | IP54 |

## Certificates

CCC, RoHS, IP54 grade, CE, FCC and ISO9001

## Accessories

Optional accessories