

NX2

2D Wireless Image Scanner

Internet of Things Technologies



NX2 wireless 2D barcode scanner is a barcode scanning device with stable performance, comprehensive functions, wireless convenience and long battery life. It is industrial grade and wireless connection improves work efficiency and flexibility without being limited by cable length. It is suitable for various application scenarios that require mobile, efficient and accurate barcode recognition.

Application Scenarios:

-  **Warehousing and logistics:**
Scan product barcodes in the warehouse freely to manage inventory and inbound and outbound storage.
-  **Retail:**
Scan product barcodes in supermarkets or stores to settle and count goods.
-  **Manufacturing:**
Scan product barcodes in the production workshop to control quality and manage production.
-  **Express sorting:**
Quickly scan package barcodes for sorting and delivery.
-  **Asset inventory:**
Scan asset tags in large venues to count and manage assets



Performance Parameters

Support Code Type:

1D: EAN,UPC,Code 39,Code 93,Code 128,UCC/EAN 128, Codabar, interleaved 2 of 5, ITF-6,ITF-14,ISBN,ISSN,MSI-Plessey,Matrix 2 of 5.

2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec.

Light source type: 617nm LED aiming light, white
LED lighting

Scanning principle: imaging CMOS

Scanning speed: ≥ 25 inch / 63 cm

Scanning angle: rotation 360° , elevation $\pm 55^\circ$,
deflection $\pm 55^\circ$

Resolution: 648 pixels (H) x 488 pixels (V)

Scanning accuracy: code39: ≥ 5 mil, UPC/EAN:
 ≥ 15 mil

Scanning depth of field: 25mm-240mm

Printing contrast: $\geq 25\%$

Bit error rate: 1/5 million

Trigger mode: Manual trigger, continuous scanning,
and optional automatic sensing.

Prompt mode: LED light, buzzer, vibration (optional)

USB interface: Both the scanner and the receiver
Support USB-HID / USB-COM

Online update: Both the scanner and the receiver
support online firmware updates.

Material: ABS+ Polycarbonate

Scanner size: 66 mm $\times$ 96 mm $\times$ 166 mm

Weight: 250 g

Physical Parameters

Frequency band: 2.4G

Transmission distance: 100m~200m

Storage space: 16M bit (can store 2080000
characters or words)

Pairing mode: Single pairing (optional multi-to-one
pairing)

Receiver size: 19mm $\times$ 15mm $\times$ 7mm

Electrical Parameters

Input voltage: DC 3.3 V

Working current: 135 mA