

HS1200

Handheld Wired 2D Barcode Scanner



Product Description

HS1200 is a premium, lightweight handheld wired 2D barcode scanner launched by NETUM. It is equipped with a 1280 × 800 megapixel CMOS sensor, providing excellent accuracy and recognition performance.

Performance. Dual-material housing design: The scanner adopts a high-strength TPU soft rubber combined with an ABS hard plastic shell. The hard ABS structure ensures strong device durability, while the TPU soft rubber enhances grip comfort and anti-slip performance. The device also features a modern light-industrial design with a gray-blue color combination.

Ergonomic handle design: The curved handle is designed according to ergonomic principles, with an anti-slip dotted surface texture that ensures comfortable long-term use and reduces hand fatigue.

Product Features

Precise and Efficient Barcode Scanning: The crosshair laser sight clearly marks the scanning area, accurately locking onto the target barcode in scenarios with dense barcodes (such as stacked goods on shelves or densely packed labels on production lines). This completely avoids scanning adjacent barcodes, significantly improving scanning accuracy and reducing error correction costs.

Wired Direct Connection for Minimalist Design: USB plug-and-play, providing power and data transfer simply by plugging in the cable, completely eliminating battery life limitations.

Stable and Reliable Data Transmission: Wired connection avoids wireless interference and disconnection issues, ensuring more stable data transmission, suitable for scenarios with high data reliability requirements.



HS1200 Specifications

| 1 Optical Performance | | |
|-----------------------------|-------------------------|--|
| 1.1 | Resolution: | 1280×800 CMOS |
| 1.2 | Illumination: | White LED |
| 1.3 | Aiming: | Rectangular cross laser aimer |
| 1.5 | Frame Rate: | 120 fps |
| 1.6 | Field of View: | Horizontal 42°, Vertical 28° |
| 1.7 | Scan Angles: | Roll 360°, Pitch ±55°, Skew ±55° |
| 1.8 | Supported Symbologies: | 1D: EAN,UPC,Code 39,Code 32,Code 93,Code 128,UCC/EAN 128, Codabar,Interleaved 2 of 5,ITF-6,ITF-14,ISBN,ISSN, MSI-Plessey,GS1 Databar,Code 11,Industrial 25,Standard 25,Plessey,Matrix 2 of 5, Febraban, 2D: QR/Mrico QR,Data Matrix,PDF417/Mrico PDF417,Maxicode,Aztec |
| 1.9 | Typical Reading Range: | ·Code 128 (5 mil, 10 bytes): 40 mm – 215 mm ·Code 39 (13 mil, 9 bytes): 75 mm – 440 mm ·EAN-13 (13 mil): 40 mm – 400 mm ·QR Code (15 mil, 40 bytes): 20 mm – 250 mm ·Data Matrix (15 mil, 50 bytes): 30 mm – 280 mm |
| 1.2.0 | Resolution Accuracy: | 1D:≥3 mil 2D:≥7 mil |
| 1.2.1 | Print Contrast: | ≥25%(UPC/EAN 100% , PCS 90%) |
| 2 Operating Characteristics | | |
| 2.1 | Supported Interfaces: | Standard USB interface, RS232 serial port |
| 2.2 | Communication Modes: | USB HID (USB COM), RS232 serial communication, Bluetooth (HID, SPP, BLE) |
| 2.3 | Feedback Indicators: | Buzzer, vibration |
| 2.4 | Scan Modes: | Trigger scanning*, continuous scanning, auto-sensing scanning, command trigger, etc. |
| 2.5 | Standby Current: | 36 mA |
| 2.6 | Operating Current: | 275mA ±5% |
| 3 Physical Parameters | | |
| 3.1 | Dimensions (L × W × H): | |
| 3.2 | Weight: | |
| 3.3 | Cable: | Cable length: 1.8 m |
| 3.4 | Color: | Soft rubber: Blue; Hard shell: Gray |
| 3.5 | Housing Materials: | Soft rubber: TPU; Hard shell: ABS |
| 4 Safety & Compliance | | |
| 4.1 | Drop Resistance: | Withstands 1.5 m drops onto concrete |
| 4.2 | Certifications: | CE, RoHS, FCC and other related certifications |

*Test Conditions: Ambient temperature = 25°C; Ambient illumination = 150 lux incandescent light; Test codes provided by our company.