

U820 Portable wireless 2d barcode scanner



Product Description

The U820 is a mini portable barcode scanner from NETUM, featuring a compact design for easy carrying. **Ergonomic Design:** Utilizing a modified hard ABS shell, it offers a smooth feel, comfortable grip, and reduce fatigue during extended use, enhancing the user experience.

Base Design: The included base integrates charging and data transfer, reducing cables and simplifying operation. **Independent Buttons:** One-button operation—one-button start, one-button scanning—allows for quick learning and reduces operational errors.

Product Features

Fast and Accurate Recognition: Supports high-performance 1D/2D barcode scanning, with excellent performance even for low-contrast, soiled, or distorted printed barcodes.

Stable Battery Life: Built-in 1300mAh battery provides long-lasting power, meeting the needs of all-day high-frequency use, reducing charging frequency and ensuring continuous operation.

Flexible and Versatile: Offers three methods—wireless Bluetooth + 2.4G + wired—allowing for seamless switching between multiple devices for greater convenience.

Extremely portable: It can be easily put into a pocket/bag, making it perfect for field work, mobile office and other scenarios.

Application Scenarios

Retail Store Checkout: Supermarkets, convenience stores, and other scenarios require frequent barcode scanning. This portable and lightweight scanner allows cashiers to operate quickly, improving checkout efficiency. Multiple transmission modes (such as Bluetooth) enable rapid connection to the POS system.

Warehouse Inventory Management: Warehouses often have dense shelving and complex spaces.

The small size of the scanner facilitates movement between shelves; its comfortable grip reduces hand fatigue during prolonged inventory checks; it supports 2.4G/Bluetooth transmission modes, synchronizing data to the management system in real time; and its large-capacity battery allows for extended continuous inventory checks, avoiding charging delays.

Logistics and Courier Delivery: Courier personnel need to carry the device. Made of modified ABS material, it offers a smooth feel and comfortable grip, reducing fatigue from frequent scanning; multiple transmission modes adapt to different terminal devices, enabling real-time uploading of logistics data; ensuring 24/7 pickup and delivery, and timely updates to logistics information.

Manufacturing Production Lines: The portable design allows for easy one-handed operation on the production line; the durable, wear-resistant hard plastic material adapts to complex workshop environments; a comfortable grip reduces worker fatigue from prolonged barcode scanning; supports 2.4G/Bluetooth transmission modes for stable connection to the production management system; long battery life ensures continuous tracking of product processes on the production line without interruption of data recording.

Medical Drug Management: The durable, wear-resistant hard plastic material is not only suitable for high-frequency use, but also, with the addition of antibacterial powder, effectively inhibits surface bacterial growth, reducing the risk of cross-infection and meeting the stringent hygiene and safety requirements of medical environments. Multiple transmission modes (Bluetooth, wired, etc.) provide stable connection to hospital information management systems, enabling real-time synchronization of drug inventory, patient information, and other data. A large battery capacity ensures long-lasting operation, guaranteeing efficient drug management and patient identification in medical settings.



超市收银



仓储管理



医药管理



公共服务行业



生产制造



快递物流

U820 Specification

1 Scanning performance		
1.1	sensor:	CMOS(Global Shutter)
1.1.2	Resolution:	640×480
1.1.3	light:	White LED
1.1.4	focus:	Red LED
1.1.5	Reading accuracy:	1D≥4mil 2D≥5mil
1.1.6	Scanning angle:	360° turning angle, ±55° elevation angle, ±55° yaw angle
1.1.7	View Angle	D:48° H:40° V:30°
1.1.8	Code supported	2D QR Code, Data Matrix, PDF417, Aztec, Maxicode, hanxin code 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, GS1 Databar,GS1 Composite Code,Code 11,Industrial 25, Standard 25,Plessey, Matrix 2 of 5
1.1.9	Depth of scanning	EAN-13 50mm-220mm (13mil) Code39 40mm-100mm (5mil 10 byte) QR Code 25mm-240mm (20mil 16 byte) Data Marix 50mm-100mm (10mil 20 byte) PDF 417 30mm-140mm (6.67mil 7 byte)
1.2	Contrast:	≥20%
1.2.1	Scanning method:	button scan, continuous scan, self-sensing scan
2 Wireless Parameters		

2.1	Transmission mode:	wired、 wireless 2.4G、 bluetooth (support 2.0、 3.0、 4.0、 4.2)
2.2	2.4G Communication distance:	65m Visible distance
	Bluetooth Communication distance:	20m Visible distance
2.3	Battery capacity:	1200mAh
2.4	Charging time:	Around 4 hours
2.5	Standby time:	3 minutes
2.6	Charging input:	5V 1~2A
3	Electrical characteristics	
3.1	Operating voltage:	5V±5%
3.2	Standby currency:	0.6μA
3.3	Working currency:	170 mA ±5% (typical) ,260 mA ±5% (max)
4	Working characteristics	
4.1	Interface:	USB
4.2	Prompt method:	Buzzer, vibration
4.3	Scanning method:	button scan, continuous scan, auto sense scan, command trigger (etc.)
5	physical parameters	
5.1	Length L*W*H (mm) :	scanner: 85*36*22 base: 32*47*32
5.2	weight:	scanner: ≈ 55g base: ≈17g
5.3	Cable:	Type-C cable length: 1.2m
5.4	color	white、 orange
5.5	Housing material	Plastic: ABS

6 Safety regulations	
6.1	drop: Can Withstand a 2-meter drop from a concrete surface
6.5	Certifiacte: CE ROHS FCC and so on

*Test conditions: Ambient temperature = 25°C; Ambient illuminance = 150 lux incandescent lamp; Using our company's specified...

Product photo:

