

CS7501

Handheld Portable Wireless 2D Scanner



Product Description

CS7501 is a compact and portable wireless 2D barcode scanner developed by NETUM. It is equipped with a high-resolution 1280×800 CMOS sensor for superior decoding performance.

Its small form factor and ergonomic design make it ideal for mobile operations in retail, logistics, and warehousing, improving flexibility and efficiency.

Features

The CS7501 features a dual-layer housing design with soft TPU and durable ABS plastic, providing a comfortable grip that reduces fatigue during prolonged use. The soft silicone bottom is shaped to fit the hand, further enhancing the handling experience. Built with wear-resistant and shock-proof materials, the CS7501 can withstand daily bumps and drops, significantly extending its lifespan.

GS7501 Specification

1	Optical Performance	
1.1	Sensor Resolution:	1280×800 CMOS
1.2	Illumination:	White LED
1.3	Aiming Light:	Red LED
1.4	Motion Tolerance:	2.5M/S
1.5	Field of View (FOV):	Horizontal: 42°, Vertical: 28°
1.6	Scanning Angle:	Roll: 360°, Pitch: ±55°, Skew: ±55°
1.7	Supported Barcode Types:	2D QR/Mricon QR, Data Matrix, PDF417, Maxicode, Aztec, HanXin 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, Code 11, Industrial 25, Standard 25, Plessey Matrix 2 of 5
1.8	Typical Reading Ranges:	EAN-13 13mil 35mm – 420mm Code 39 5mil / 10 characters 45mm – 165mm QR Code 20mil / 16 characters 25mm – 330mm Data Matrix 10mil / 20 characters 40mm – 150mm PDF417 6.67mil / 7 characters 25mm – 180mm
1.9	Decode Accuracy:	1D: ≥3 mil 2D: ≥5 mil
1.2.0	Print Contrast Ratio:	≥25%(UPC/EAN 100% , PCS 90%)
2	Wireless Parameters	
2.1	Transmission Modes:	Wired, 2.4G Wireless, Bluetooth (Supports 2.0, 3.0, 4.0, 4.2)
2.2	2.4G	Up to 65 meters (line of sight with AP))
	Bluetooth:	Up to 20 meters (line of sight)
2.3	Battery Capacity:	2000mAh
2.4	Charging Time:	Approx. 5 hours
2.5	Standby Mode:	Enters standby after 3 minutes
2.6	Charging Input:	5V 1~2A
3	Electrical Specifications	
3.1	Operating Voltage:	5V±5%
3.2	Standby Current:	0.6μA
3.3	Operating Current:	170mA ±5% (typical), 260mA ±5% (maximum)
4	Functional Features	
4.1	Supported Interfaces:	Standard USB
4.2	Transmission Types:	2.4G、USB HID (USB COM)、蓝牙 (HID、SPP、BLE)
4.3	Alert Methods:	Buzzer, Vibration
4.4	Scan Modes:	Trigger scan*, Continuous scan, Auto-sensing, Command control
5	Physical Parameters	

5.1	Dimensions (L × W × H):	198*74*105
5.2	Weight:	≈ 127g
5.3	Cable:	Type-C, 1.2m length
5.4	Color Options:	Black, Yellow
5.5	Housing Materials:	Soft Shell: TPU Hard Shell: ABS
6	Safety & Compliance	
6.1	Drop Resistance:	Withstands drops from 2 meters onto concrete
6.5	Certifications:	CE, RoHS, FCC

* Test environment: Ambient temperature = 25°C; Ambient light = 150 lux (incandescent); using standardized test barcodes provided by NETUM.

Appearance

