

XB-D30BT

2D Wireless Bluetooth Barcode Scanner



■ Aesthetically appearance design

XB-D30BT adopts a two-color mold design, with smooth product outlines, ergonomic design, and great visual impact.

■ Excellent anti-drop performance

XB-D30BT has an internal shock-resistant buffer design, a soft and hard rubber dual-color design, and strong anti-fall performance, It can easily survive multiple 1.5-meter drops and passed 1.5-meter drop test .

■ Plug and Play

Plug and play, no need to install any drivers, and compatible with all computers and POS devices on the market. Support Windows, Android, Linux, and iOS.

■ Excellent decoding performance

Use 1G ultra-high main frequency chip with fast process speed . It has high scanning performance and use in various scenarios.The scanning speed is up to 60FPS.

■ Support all common barcodes

XB-D30BT is based on the 2D CMOS principle and supports all common 1D and 2D QR codes. It can easily read 1D and 2D codes on paper and screen.

■ Ultra-long scanning depth of field

The XB-D30BT uses high-performance CMOS sensor and professional two-dimensional lens, the scanning depth of field up to 300MM,and it has big advantage over similar products in the market.



1D 2D barcode scanning



100m wireless transmission distance



Multifunctional charging base



2200mA large capacity battery

Dual Wireless Mode

2.4G and Bluetooth 5.0 dual wireless mode .the scanner and usb dongle transmit data through stable and fast 2.4G frequency,in the open yard transmit distance reach 100m. also the scanner can connect to tablets,mobile,laptop etc bluetooth devices.

Offline Storage & Inventory Mode

XB-D30BT supports offline storage mode. When the scanner is not connected or disconnected, the scanned data is automatically stored in the machine and automatically transmitted after reconnection. It also supports inventory mode. After entering the inventory mode, can conduct asset inventory without distance constraint.

Large-capacity battery

Use 2200mAh battery,which support continuous scanning 7 hours (reading interval 1 second) ,equal to 25000 scans.

Trigger Life Over 10 Million Times

The trigger has a unique silicone protection design, and the life of trigger over 10 million times.

Performance Parameters

Light source type	White lighting, green aiming light
Scanning principle	Imaging CMOS
Resolution	640 * 480
Trigger mode	Manual scan/continuous scan/auto-sensing scan
Scan Angle	Rotation angle 360°, elevation angle $\pm 65^\circ$, deflection angle $\pm 65^\circ$
Scanning depth of field	EAN 13 55mm-300mm(13mil); Code39 60mm-180mm(5mil) QR Code 75mm-190mm(15mil); Code 128 50mm-160mm(5mil)
Bit Error Rate	1/5 million
Contrast	$\geq 20\%$
Communication interface	Receiver: USB-HID, USB-COM; Bluetooth: HID, BLE mode
Wireless communication method	Pairing dedicated receiver: 2.4G communication; Pairing mobile Bluetooth device: Bluetooth communication
Wireless transmission distance	Open distance: 100 meters
Receiving end	Dedicated base receiver for Android/iOS mobile devices
Decoding capability	1D:Codabar, Code39, Code32, Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, China Post(Hong Kong 2 of 5), Korea Post. 2D:Codeblock A, Codeblock F, PDF417, Micro PDF417, GS1 Composite Codes, QR Code, Data Matrix, MaxiCode, Aztec, HANXIN.

Electrical Parameters

Voltage	DC5V $\pm 5\%$
Working current	210mA
Standby current	0mA (battery power is cut off in standby mode)
Lithium battery	2200mA lithium battery
Continuous working time	Scanning gun scans continuously for 1S, working time is 7 hours/scanning number is 25000 times
Charging time	4-5 hours
Charging method	Place the base for direct charging

Environmental Parameters

Working temperature	-20℃ ~ 50℃
Storage temperature	-40℃ ~ 70℃
Working humidity	5%~95% (no condensation)
Ambient light	0~100000LUX
Drop resistance	Can withstand 1.5m free fall

Physical Parameters

Scanner size	173*67*79mm
Material	ABS+PC
Charging cable standard	1.5 meters



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