

XB-X80

2D DESKTOP SCANNER



■ Aesthetically appearance design

XB-X80 has highly aesthetic product lines and an ergonomic design that is perfect for hands-free or handheld operation, both aesthetically pleasing and practical.

■ The product has excellent texture

The material thickness of the XB-X80 product design is greater than 3mm, and pure and non mixed ABS raw materials are used to ensure the texture of the product.

■ Secondary development and remote optimization support

XB-X80 can provide SDK development packages and corresponding technical support for secondary development; For different usage scenarios, when encountering barcodes that are difficult or impossible to read, remote barcode decoding images can be obtained, and decoding algorithms can be optimized based on the images to improve decoding capabilities.



1D 2D Barcode
Scanning



130mm Reading
Distance



Automatic
Sleep Mode



Plug and Play

High Scanning Accuracy

The scanning accuracy of XB-X80 is 4mil, which can easily handle barcodes in various scenarios such as supermarket products, snack packaging, tobacco and alcohol barcodes, clothing tags, medicine boxes, etc.

Extremely High Scanning Sensitivity

The XB-X80 has a scanning speed of up to 120FPS and a motion tolerance of up to 2m/s. It can easily and quickly read barcodes. Users only need to move the barcode to the scanning window area and complete the reading at the moment of scanning the window.

Support All Common Barcodes

XB-X80 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.

Performance Parameters

Sensor pixels	640 pixels (H)x 480 pixels (V)
Scanning principle	Imaging CMOS
Scan range	0-130MM (EAN13 13mil 90%PCS)
Scanning mode	Auto-sensing scan
Scan Angle	Rotation angle 360°, elevation angle $\pm 60^\circ$, deflection angle $\pm 60^\circ$
Reading tips	The code reading indicator light is flashing green
Scanning accuracy	$\geq 4\text{mil}$
Communication interface	USB drive free, RS232, USB-COM
Decoding capability	1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, CodaBar, Code 128, Code93, ITF-14, ITF-6, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, GS1 Databar(RSS), Code 39, Code 11, MSI-Plessey, etc. 2D: QR Code, Data Matrix, PDF417, Micro PDF417, Micro QR, Aztec.

Electrical Parameters

Voltage	DC5V $\pm 5\%$
Current	Standby current 185mA; working current 220mA

Environmental Parameters

Working temperature	-20℃ - 60℃
Storage temperature	-40℃ - 70℃
Working humidity	5%~95% (no condensation)
Ambient light	0~100000LUX
Drop resistance	Can withstand a 1.5 meter free fall

Physical Parameters

Scanner size	81*80*142mm
Material	ABS+PC
Weight	255g
Charging cable standard	1.2 meters

