

BL-8080

Desktop 2D Barcode Scanner



3 Years

Replacement warranty



Able to read 2D (QR)
Barcodes

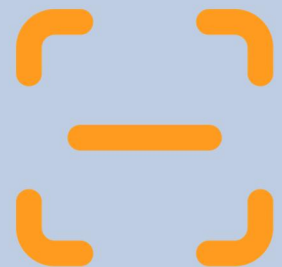
The BL-8080 from Nexa is a high-performance presentation scanner built for fast, accurate scanning of both 1D and 2D barcodes, straight off a screen or a printed label.

A refined image sensor and decoding algorithm reads barcodes at speed, including barcodes that are damaged, worn, or slightly out of specification - the kind of real-world labels that trip up lesser scanners.

A wide scan angle captures barcodes from almost any direction, so staff don't need to carefully align every item - just present it and go.

A smart, soft LED light mode keeps scanning comfortable through a full shift, and the BL-8080 is compatible with Linux, Android, Windows, and macOS, so it drops into almost any existing point-of-sale setup.

The BL-8080 from Nexa is built for demanding retail, supermarket, and healthcare environments where scanning has to be fast, reliable, and effortless, all day long.



Fast, Accurate Scanning -
Built for Busy Checkouts

Specifications

Performance	
Image sensor	CMOS
Image Sensor Resolution	1280x800 Pixels
Light source	Red LED (Lighting)
CPU	32 bit Processor
Motion Tolerance	1.5m/sec
Minimum Resolution	≥3mil
Decoding Range	5-280mm (13mil PCS90%)
Scanning Angle	Deflection 360°, Inclination ±65°, Rotation ±60°
Scan Mode	Auto Scan (Presentation) Mode
Software Compatibility	Linux, Android, Windows XP/7/8/10, macOS
Decoding Capability	1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar(RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, etc 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code
Physical	
Interface	USB HID, USB VCOM, RS232
Scanner size	98 L x 98 W x 152 H (mm)
Scanner weight	359g (including cable)
Material	ABS+PC
Input voltage	DC 5V
Indicator	Tone and Volume Adjustable
Cable standard	Straight: 1.8m
Temperature	(Operating) -10°C-50°C, (Storage) -20°C-60°C
Humidity	(Operating) Relative humidity 5%-95% (non condensing)