

BLUETOOTH BARCODE SCANNER

MODEL DX430BT



DELMONIX DX430BT DATASHEET

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Bluetooth Barcode Scanner

PRODUCT VIEWS



DATASHEET

Performance Parameters

Parameter	Specification
Light source type	White illumination light, green aiming light
Decoding capability	1D: Code128, EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GS1 DataBar, Plessey, Febraban. 2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin code, Dotcode, Composite.
Scanning principle	Imaging CMOS
Resolution	1280 × 800

Parameter	Specification
Trigger method	Manual scanning / Continuous scanning / Auto-sensing scanning
Scanning angle	Rotation 360°, tilt $\pm 65^\circ$, yaw $\pm 65^\circ$
Scan depth of field	Code 128 30mm–140mm (5mil) EAN13 30mm–260mm (13mil) QR 30mm–220mm (15mil) CODE39 40mm–160mm (5mil)
Bit Error Rate	1 in 5 million
Contrast	$\geq 20\%$
Communication interface	Cradle: USB-HID, USB-COM Bluetooth: HID, BLE modes
Wireless transmission range	Clear-space distance: 100 meters
Pairing mode	Place the scanner on the base and press the button on the base to pair with a single touch.

Electrical Parameters

Parameter	Specification
Voltage	DC5V $\pm 5\%$
Operating current	170 mA
Standby current	0 mA (battery power is cut off during standby)
Lithium battery	2200 mAh lithium battery
Continuous working duration	The barcode scanner supports continuous scanning for 1 second per scan, with an operating time of up to 7 hours or a capacity of 25,000 scans.
Charging time	5–6 hours
Charging method	Direct charging via the base

Physical Parameters

Parameter	Specification
Scanner dimensions	164.54mm $\times$ 83.66mm $\times$ 69.07mm
Weight	
Material	ABS + PC
Charging Cable Standards	1.5 meters (± 0.1 meters)

Environmental Parameters

Parameter	Specification
Operating temperature	-20°C $\sim$ +50°C
Storage temperature	-40°C $\sim$ +70°C

Parameter	Specification
Operating humidity	5% – 95% (non-condensing)
Ambient lighting	0 ~ 100000 LUX
Drop resistance	Withstands a 1.5-meter free fall.