



FAST. RELIABLE.
PLUG-AND-PLAY.

The DELMONIX DX430 is a high-performance 1D & 2D barcode scanner built for retail and business operations. Utilizing advanced imaging technology, it delivers fast and accurate decoding of barcodes printed on labels or displayed on mobile screens. Plug it in and get started instantly.



POWERFUL
DECODING



1D & 2D
SUPPORT



RUGGED &
RELIABLE



PLUG & PLAY
SIMPLE SETUP

KEY FEATURES



Fast & accurate scans of 1D & 2D barcodes, including labels and mobile screens.



High-performance 2D imaging engine for reliable decoding.



Universal Plug & Play — connects instantly with no drivers needed.



Impact-resistant ABS + PC housing for demanding environments.



Multi-color LED indicators for clear power, scan, and decode feedback.

APPLICATIONS



Retail & Supermarkets



Convenience Stores



Warehouse & Inventory Management



Library & Bookstore

PRODUCT VIEWS



High Performance
Scanning



Wide Compatibility
1D & 2D



Easy to Use
Plug & Play



Built for
Business

GENERAL INFORMATION

Model	DX430
Type	1D & 2D Barcode Scanner
Connection Mode	Wired
User Interface	Plug-and-play

OPTICAL & SCANNING PERFORMANCE

Light Source	617nm LED Aimer, White LED
Scan Distance	5–390 mm
Print Contrast Signal	>30% (UPC/EAN 100%)
LED Indication	White
Sound	Adjustable buzzer
Scan Angle	Yaw 65°, Rotation 60°, Pitch 360°
Scan Speed	>25 inch / 63 cm per second
Minimum Resolution	SR; Code39 4.8 mil, UPC 60% 5 mil, PDF417 5 mil, DataMatrix 7.5 mil

SUPPORTED BARCODE SYMBOLOGIES

1D Barcodes	Code128, Code39, Code93, EAN13, EAN8, UPC_E(E0, E1), ISBN13, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, RSS14 (GS1 Databar), Codabar, Code 11, Standard 2 of 5
2D Barcodes	QR Code (Mode1, Mode2), MicroQR, Data Matrix, PDF417, MicroPDF417, Aztec, Maxicode, Grid Matrix Code

TYPICAL DECODE RANGE

Barcode	Distance
Scan Distance	5–390 mm

INTERFACE

Interface	USB-HID, USB-COM, RS232
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PHYSICAL SPECIFICATIONS

Dimensions	176 × 100 × 72 mm
Weight	354 g (data line not included)
Wire Length	2.0 m

POWER SUPPLY PARAMETERS

Input Voltage	5 VDC ±1%
Working Current	85 mA (operating)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C to +50°C
Operating Humidity	5%–95% (non-condensing)
Storage Temperature	-40°C to +70°C
Ambient Brightness	3000–8000 Lux (fluorescence), 3000–8000 Lux (sunlight)