

Datasheet: DELMONIX DX730BT – Wireless Barcode Scanner

Product Overview

“DELMONIX DX730BT – Wireless Freedom, Unmatched Speed, Ultimate Reliability!”

The **DELMONIX DX730BT Wireless Barcode Scanner** is a high-performance 2D imaging scanner designed for industrial and commercial applications. Utilizing advanced CMOS image scanning technology, it delivers superior barcode recognition, fast wireless transmission, and excellent adaptability to various working environments. With its robust construction, long-range connectivity, and high-capacity battery, the DX730BT ensures reliable, continuous operation throughout the workday. Its ergonomic and durable design makes it ideal for demanding environments such as warehouses, logistics centers, and retail operations.

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Features:

Engineered with advanced technology and robust design, the device delivers exceptional scanning performance, reliability, and operational efficiency for demanding business environments.

- **Extended Wireless Range:**

The scanner offers a reliable wireless communication range of up to 100 meters in open environments, enabling users to operate freely across large areas such as warehouses, retail floors, and logistics centers without connectivity interruptions.

- **Advanced Decoding Technology:**

Powered by a high-performance decoding chip, the device supports a wide variety of 1D and 2D barcode symbologies. It ensures fast and precise data capture, even when scanning complex, damaged, or low-quality barcodes.

- **Industrial-Grade Durability**

Built to withstand rigorous usage, the scanner features an **industrial-grade, shockproof, and drop-resistant design**. This rugged construction enhances longevity and ensures consistent performance in challenging working conditions.

- **High-Capacity Battery**

Equipped with a **2200 mAh lithium battery**, the device supports extended operational hours, reducing the need for frequent recharging and ensuring uninterrupted workflow during long shifts.

- **High Scanning Capacity**

Optimized for efficiency, the scanner can perform up to **25,000 scans**

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per charge, making it ideal for high-volume applications where speed and reliability are critical.

- **Superior Performance**
The device delivers **fast and accurate barcode recognition**, improving productivity and minimizing errors in data capture across various use cases.
- **CMOS Image-Based Scanning Technology**
Utilizing advanced **CMOS imaging technology**, the scanner captures barcode data with high precision and reliability. This technology enables superior performance in reading both printed and screen-based barcodes under diverse lighting conditions.

General Information

Parameter	Specification
Model	DX730BT
Product Type	2D Wireless Handheld Barcode Scanner
Scan Principle	CMOS imaging
Connectivity	Wireless (Bluetooth)
Usage	Industrial and commercial applications
Operation	Cordless with long working range

Applications

Parameter	Specification
Warehousing	Inventory tracking and stock management
Logistics	Parcel handling and shipment tracking

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Parameter	Specification
Retail	POS operations and billing
Manufacturing	Production line and asset tracking
Field Operations	Mobile scanning with wireless flexibility

Datasheet:

General Information	
Parameter	Specification
Product Type	2D Imaging Wireless Handheld Industrial Barcode Scanner
Scan Capability	Recognizes 1D, 2D, and abnormal barcodes
Scan Type	CMOS image type
Image Sensor	1080 (H) × 1280 (V) pixels
Light Source	White illumination, green aiming light
Error Rate	1 / 5,000,000
Language Support	Multiple languages supported
Optical & Scanning Performance	
Scanning Angle	Yaw ±65°, Pitch ±65°, Rotation ±360°
Recognition Capability	Standard and damaged/abnormal barcodes
Typical Decode Range	
Barcode	Distance
Code 39 (5 mil)	70 mm – 160 mm
Code 128 (20 mil)	60 mm – 350 mm
QR Code (15 mil)	30 mm – 180 mm
Supported Barcode Symbolologies	
1D Codes	Codabar, Code 11, Code 128, ISBT128, Code 32, Code 39, TLC39, Code 93/93i,, EAN-13, EAN-8, GS1, MSI, Pharma, Patch Code, UPC-A, UPC-E, 2 of 5 (Interleaved 2 of 5, Matrix 2 of 5, Industrial)

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2D Codes	Aztec Code, Data Matrix, MaxiCode, QR Code, Micro QR, Dot Code, Grid Matrix, PDF417, Micro PDF417
Interface	
Communication Interface	USB-HID, USB-COM
Wireless Connectivity	Bluetooth (HID, BLE)
Physical Specifications	
Dimensions	68 × 93 × 172 mm
Material	ABS + PC
Environmental & Durability (Basic)	
Industrial Capability	Suitable for industrial-grade applications