



WIRELESS.
HIGH-SPEED.

The DELMONIX DX740BT is a high-performance 2D wireless barcode scanner combining the same advanced imaging CMOS engine and global decoding capability as the DX740 with the freedom of Bluetooth connectivity. Featuring a 2200mAh battery, up to 100 meters of open-range wireless transmission, and one-click base pairing, the DX740BT delivers fast, reliable scanning wherever your work takes you — with a charging cradle for effortless docking between shifts.



1D 2D BARCODE
SCANNING



WIRELESS &
LONG-RANGE



PLUG AND
PLAY



1.5M DROP
RESISTANCE

KEY FEATURES



Wireless freedom — up to 100 meters open-range Bluetooth transmission for mobile scanning away from the base.



One-click pairing — simply place the scanner on its base and press the pairing button to connect.



High-capacity 2200mAh lithium battery — up to 7 hours of continuous scanning or approximately 25,000 scans per charge.



Fast charging cradle — full recharge in 5–6 hours via direct docking.



Excellent decoding performance — imaging CMOS engine reads 1D and 2D barcodes with ≥3mil precision and ≥20% contrast.



Dual connectivity — USB-HID/USB-COM via base, or Bluetooth HID/BLE mode for flexible integration.



Rugged, drop-resistant construction — withstands 1.5-meter free falls.

APPLICATIONS



Warehousing
Reads damaged, worn barcodes with reliable decoding; wireless range lets workers scan freely across aisles without returning to a fixed station.



Retail
POS billing and inventory checks with the flexibility to leave the counter and scan stock on the shelf, then reconnect to the base.



Field Operations & Logistics
Battery-powered, cordless design suited to mobile scanning during loading, unloading, and shipment tracking.

PRODUCT VIEWS



Wireless Range
Up to 100 m



2200 mAh Battery
Approx. 25,000 scans



Dual Connectivity
USB-HID, USB-COM, BT



Drop Resistance
1.5 m Free Fall

GENERAL INFORMATION

Model	DX740BT
Product Type	2D Wireless Barcode Scanner
Connection Mode	Wireless (Bluetooth) + Wired base (USB)

OPTICAL & SCANNING PERFORMANCE

Light Source	White light illumination LED, green light aiming
Decoding Capability	See Supported Barcode Symbolologies
Scanning Principle	Imaging CMOS
Resolution	1280 × 1024 pixels
Trigger Mode	Manual scan / continuous scan / auto-sensing scan
Scan Angle	Rotation 360°, elevation ±65°, deflection ±65°
Bit Error Rate	1 / 5,000,000
Precision	≥3 mil
Contrast	≥20%

INTERFACE

Base Interface	USB-HID, USB-COM
Bluetooth Mode	HID, BLE

SUPPORTED BARCODE SYMBOLOGIES

1D Codes	Codabar, Code 39, Code 32 Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, China Post (Hong Kong 2 of 5), Korea Post
2D Codes	QR Code, Data Matrix, Codeblock A, Codeblock F, PDF417, Micro PDF417, GS1 Composite Codes, MaxiCode, Aztec, HANXIN

WIRELESS & PAIRING

Wireless Communication	Special base pairing: 2.4G; Mobile Bluetooth pairing: Bluetooth communication
Wireless Transmission Distance	Up to 100 m (open space)
Pairing Method	One-click — place scanner on base and press the base button

TYPICAL DECODE RANGE

Barcode	Distance
EAN13 (13 mil)	55–400 mm
Code39 (5 mil)	50–230 mm
QR Code (15 mil)	75–270 mm
Code128 (5 mil)	65–220 mm

BATTERY & POWER

Battery	2200 mAh lithium battery
Continuous Working Time	Up to 7 hours, or approx. 25,000 scans
Charging Time	5–6 hours
Charging Method	Place scanner on base for direct charging

ELECTRICAL PARAMETERS

Voltage	DC 5V ± 5%
Working Current	230 mA
Standby Current	0 mA (battery power is cut off in standby mode)

PHYSICAL SPECIFICATIONS

Scanner Size	181 × 68 × 85 mm
Material	ABS + PC
USB Cable (base)	1.5 m

ENVIRONMENTAL SPECIFICATIONS

Working Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Working Humidity	5%–95% (no condensation)
Ambient Light	0–100,000 Lux
Drop Resistance	Withstands 1.5m free fall

