



KOAMTAC

KDC270

Bluetooth Barcode Data Collector

Rugged ▶ Powered ▶ Designed ▶ Connected ▶ Equipped ▶

This miniature bluetooth barcode scanner is the culmination of decades of engineering and human-centered design experience focused on maximizing efficiency and minimizing costs of auto-identification in any industry.

Rugged

The KDC270 is IP65-rated and has a 5' drop spec. This means the device is dust tight and water resistant; it's ideal for any environment.

Powered

Advanced power management puts the scanner in "hibernation mode" when not actively in use, allowing the battery to outlast an average work shift. When power does run out, charging is easy with a Micro USB connector or charging cradle.

Designed

Like its predecessors, the KDC270 is small enough to fit in your pocket and light enough to wear on a lanyard around your neck for a full day without strain. The 1" OLED display and 3-button design make interacting with your device easier than ever; no need to decode flashing colored lights to determine if your data was collected – you can view it right on the screen!

Connected

Diverse Bluetooth® profiles such as HID, SPP, and MFI, as well as reconnection methods, allow seamless connectivity with any device.

Equipped

Coming in 1D Laser, 1D CCD, and 2D CMOS models the KDC270 is able to read all major symbologies. 8 MB of on-board memory stores over 400,000 UPC product barcodes and 60,000 product database records and allows basic applications to run right on the device.

KTSync® software with keyboard wedging, application generation, database look up, inventory management, and KDC configuration features is included for Android, iOS, and Windows devices. Free SDK and technical support from top engineers and the development team ensure ease of data collection in any situation.

Hardware Specifications

Physical Characteristics

Size: 1.57" x 3.23" x 0.71" (40 mm x 82 mm x 18 mm)

Weight: 2.03 oz (57.5g)

Electrical Characteristics

Battery: Li-Polymer (3.7V DC, 650mAh)

Charging: via Micro USB connector, Charging Cradle

Typical Operating Current: 120mAh@3.3V (1D)

200mAh@3.3V (2D)

Performance

Functionality

Memory Flash ROM: 256KB Program, 8MB User Data

Memory RAM: 64KB

Wedging & Synchronization

Store to a file or transfer to an application

Keyboard wedge function

Add-on prefixes and suffixes

Barcode option selection

Application Generation

SDK for PC and smartphone application

Application generation tool

Database lookup and Inventory Management features

OS Support

Android, iOS, Mac OS X, Tizen, Windows

Regulatory Conformance

Laser Safety: IEC60825/CDRH Class II

LED Safety: IEC62471:2006

Electrical Safety: UL 60950-1; EN/IEC 60950-1;

EN/IEC 60825-1

EMI/RFI: CE, FCC, KC, TELEC

Environmental: RoHS Compliant

Scan Range (20mil Code39)

Laser: 1.97 - 16.54 in (50 - 420 mm)

CCD: 2.36 - 18.11 in (60 - 460 mm)

CMOS: 2.36 - 18.35 in (60 - 466 mm)

Your KDC

Models

KDC270Li, KDC270Di, KDC270Ci

Compatible Accessories

KDC270 Finger Trigger Glove

KDC270 Ring Scanner



Interfaces

Bluetooth® V2.1+EDR, Class 2, HID/SPP/MFi

Micro USB

User Environment

Ingress Protection Rating: IP65

Drop Spec: 5 feet (1.5m)

Operating: -4°F (-20°C) ~ 122°F (50°C)

Storage: -4°F (-20°C) ~ 140°F (60°C)

Humidity: 5% ~ 95% (noncondensing)

Laser Symbologies

EAN, UPC, Code 39, Code 93, Code 128, Codabar, Interleaved 2 of 5, GS1-128, Code 3 of 5

CCD Symbologies

Barcode (1D): UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS) (exl.stacked), IATA, Industrial 2 of 5, Interleaved 2 of 5, ISBN-ISSM-ISSN, Matrix 2 of 5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey

Barcode (Postal Codes): Chinese Post, Korean Postal Authority Code

CMOS Symbologies

Barcode (1D): UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2 of 5, Interleaved 2 of 5, ISBN-ISSN-ISMN, Matrix 2 of 5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey

Barcode (2D): Aztec Code, Aztec Runes, Chinese Sensible Code, Codablock F, Composite Codes, Data Matrix (ECC200), Passport MRZ (OCR-B), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR Code

Barcode (Postal Codes): Chinese Post, Intelligent Mail Barcode, Korean Postal Authority Code, POSTNET

Package Contents

1 x KDC270 Barcode Scanner

1 x KDC Lanyard

1 x KDC Micro USB cable

