



# KOAMTAC

## KDC270

### Bluetooth Barcode Scanner & 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 Imager models the KDC270 is able to read all major symbologies. 8MB 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 (57.5 g)

#### Electrical Characteristics

Battery: Lithium-Ion (3.7V DC, 650mAh)

Charging: USB connector, Charging Cradle

#### Interfaces

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

USB to Serial (Micro USB port)

USB HID/Flash Memory

#### User Environment

Ingress Protection Rating: IP65

Drop Spec: 5' (1.5 m)

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

Storage: -4°F to 140°F (-20°C to 60°C)

Humidity: 5% to 95% (non-condensing)

### 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, 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: R&TTE, FCC, KC, TELEC

Environmental: RoHS Compliant

#### Scan Range (10mil Code39)

Laser: 1.97" to 7.48" (50 mm to 190 mm)

CCD: 2.17" to 11.81" (55 mm to 300 mm)

Imager: 1.81" to 9.68" (46 mm to 246 mm)

#### Symbologies

**Laser (1D):** EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

**CCD (1D):** EAN-13, EAN-8, UPC-A, UPC-E, Code 39, ITF14, Code 128, Interleaved 2 of 5, Codabar, GS1-128, Code 93, Code 35, Bookland EAN-13, EAN-13/8 incl. add on, UPC-A/E incl. add on, GS1 Omni, GS1 Limited, GS1 Expanded

**Imager (1D):** Codabar, Code 11, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 Composite, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, GS1 Omni, GS1 Limited, GS1 Expanded, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Telepen, Tri-Optic, UPC-A, UPC-E0, UPC-E1

**Imager (2D):** Aztec Code, Aztec Runes, Codablock F, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code

**Postal Codes:** POSTNET, Planet Code, British Post, Netherlands (KIX) Post, Australian Post, Japanese Post, Chinese Post, Korean Post

**OCR Options:** OCR Passport

### Your KDC

#### Models

KDC270Li, KDC270Di, KDC270Ci

#### Compatible Accessories

KDC270 Finger Trigger Glove

KDC270 Ring Scanner

1-slot and 4-slot Charging Cradles



#### Package Contents

1 x KDC270 Barcode Scanner

1 x KDC Lanyard

1 x KDC Micro USB cable

1 x Protective Boot

