



# KOAMTAC

## A New Wave in Auto-ID

The KDC250 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

A built-in display eliminates blind erroneous data collection and enables interactive processes.

Included is an easy-to-replace rechargeable battery that can charge from any USB port. With 8MB of on-board memory that stores over 400,000 UPC product barcodes, memory shortages are no longer a concern.

### ADVANCED FEATURES

- ▶ Class2 Bluetooth® with HID/SPP/MFi Profiles
- ▶ Supports USB HID/Flash Memory
- ▶ Bright 1" OLED display
- ▶ Rechargeable Li-Ion Battery
- ▶ Stores 400,000+ UPC Product Barcodes
- ▶ KTSync for:
  - ▶ Keyboard Wedging
  - ▶ Application Generation
  - ▶ DB Lookup
  - ▶ Inventory Management

## KDC250

### 1D Laser Bluetooth Barcode Scanner & Data Collector

All KDC® products come with KTSync® software with keyboard wedging, application generation, database look up, inventory management, and KDC configuration features 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: 1.45" x 3.26" x 0.82" (37 mm x 83 mm x 21 mm)  
Weight : 2.0 oz (57g)

#### Electrical Characteristics

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

### 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

### Interfaces

Bluetooth V2.1+EDR, Class 2, HID/SPP/MFI  
USB to Serial (Ultra mini USB port)  
USB HID/Flash Memory

### User Environment

Drop Spec: 4' (1.2 m) with protective boot  
Operating: 32°F to 113°F (0°C to 45°C)  
Storage: -4°F to 113°F (-20°C to 45°C)  
Humidity: 5% to 85% (non-condensing)

### Regulatory Conformance

Laser Safety: IEC60825/CDRH Class II  
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)

### 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

### Your KDC

#### Models

KDC250M, KDC250iM

#### Compatible Accessories

Charging Cradle  
KBD401 Dongle

#### Package Contents

1 x KDC250 Barcode Scanner  
1 x KDC Lanyard  
1 x Protective Boot  
1 x KDC Ultra Mini USB Cable

