

# KDC250 Laser Barcode Data Collector

## 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 data collection processes.

An easy-to-replace rechargeable battery that can recharge from any USB port allows more than 15,000,000 barcode scans. With 4MB of on-board memory that stores over 100,000 product records, memory shortages are no longer a concern.

All KDC® products come with FREE KTSync® software and SDK. KTSync® includes keyboard wedging, application generation, DB look up and inventory management features. SDK provides technical support from our top engineers and development staff.



### ADVANCED FEATURES

- Class2 Bluetooth® with HID/SPP/MFi (Optional) Profiles
- Bright 1" OLED Display
- Rechargeable Li-Ion Battery
- Stores 100,000+ Product Records
- KTSync® with Keyboard Wedging, Application Generation, DB Look up, and Inventory Management features



### Solutions

- Retail
- Transportation
- Field Services
- Warehouse
- Healthcare
- Hospitality
- Event Technology



# KDC250 Specifications

## Hardware Specifications

### Physical Characteristics

Size : 37 mm x 83 mm x 21 mm

(1.45" x 3.26" x 0.82")

Weight : 2.0 oz (57 g)

### Electrical Characteristics

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

Charging : Via USB connector

Typical Operating Current : 170mAh@3.3V

### Scanning Performance

Scan Rate : 100 scans/sec

### User Environment

Drop Spec : 4 feet (1.22m) with Rubber Case

Operating : 32°F (0°C) ~ 113°F (45°C)

Storage : -4°F (-20°C) ~ 113°F (45°C)

Humidity : 5% ~ 85% (noncondensing)

### Interfaces

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

USB to Serial (Ultra mini USB port)

### Functionality

Memory Flash ROM : 256KB Program, 4MB User Data

Memory RAM : 64KB

Microprocessor : ARM7, 32 bits

Real-time Clock : Quartz RTC for timestamp

### Symbologies

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

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## Regulatory Conformance

Laser Safety - IEC / CDRH Class II

EMC - CE, FCC, KCC, TELEC

## Wedging & Synchronization

- Store to a file or transfer to the application
- Keyboard wedge function
- Add-on prefixes and suffixes
- Barcode option selection

## Application Generation

- SDK for PC, Smartphone, and Tablet application
- Application generation tool
- Database lookup feature
- Inventory management feature

## Models

KDC250, KDC250M, KDC250i, KDC250iM,

## Package Contents



1 KDC250  
Data Collector



1 Protective Boot



1 Lanyard



1 USB Cable



Optional Finger  
Trigger Glove  
(sold separately)

