

# KDC200 Laser Barcode Data Collector

## A New Wave in Auto-ID

The KDC200 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 5,000,000 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

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



**BlackBerry**



## Solutions

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



# KDC200 Specifications

## Hardware Specifications

### Physical Characteristics

Size : 35 mm x 62 mm x 15 mm

(1.37" x 2.44" x 0.59")

Weight : 1.2 oz. (34 grams)

### Electrical Characteristics

Battery : Lithium-Polymer (3.7V DC, 190mAh)

Charging : USB connector

Typical Operating Current : 120mAh@3.3V

### Scanning Performance

Scan Rate : 100 scans/sec

### User Environment

Drop Spec : 4 feet (1.22m) with a 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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## 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

## Regulatory Conformance

Laser Safety - IEC Class I, CDRH Class II  
EMC - CE, FCC, KCC, TELEC, SRRC

## Models

KDC200, KDC200M, KDC200i, KDC200iM

## Package Contents



1 KDC200  
Data Collector



1 Protective Boot



1 Lanyard



1 USB cable



Optional Finger  
Trigger Glove  
(sold separately)

