

# KDC100 Laser Barcode Data Collector

## A New Wave in Auto-ID

The KDC100 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

A built in display eliminates blind erroneous data collections 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 also no longer a problem.

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



## ADVANCED FEATURES

- Ultra Compact & Lightweight
- Bright 1" OLED Display
- Rechargeable Li-Poly Battery
- Built-in & *swing-out* USB Port
- Stores 100,000+ Product Records
- KTSync® with Keyboard Wedging, Application Generation, DB Look up and Inventory Management features.

- Transportation
- Logistics
- Healthcare Services
- Field Services
- Distribution & Retail
- Property Management



# KDC100 Specifications

## Hardware Specifications

### Physical Characteristics

Size : 1.37" x 2.44" x 0.59" (35mmx62mmx15mm)  
Weight : 1.34 oz. (38 grams)

### Electrical Characteristics

Battery : Lithium-Polymer (3.7V DC, 190mAh)  
Charging : Via USB connector  
Typical Operating Current : 100mA@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

Two USB to Serial interfaces

- Swing-out USB Type A connector
- Built-in 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

## 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, Pad and Smartphone application
- Application generation tool
- Database lookup feature
- Inventory management feature

## Regulatory Conformance

Laser Safety - IEC Class I, CDRH Class II  
EMC - CE, FCC, MIC

## Package Contents

1 KDC100 Data Collector, 1 USB cable,  
1 Lanyard, 1 CD, 1 Protective Boot



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