

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 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
- Class2 Bluetooth® with HID/SPP/ MFi(200i model only) 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.

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



KDC200 Specifications

Hardware Specifications

Physical Characteristics

Size : 1.37" x 2.44" x 0.59" (35mmx62mmx15mm)

Weight : 1.2 oz. (34 grams)

Electrical Characteristics

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

Charging : Via USB connector

Typical Operating Current : 120mA@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(i model only)

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

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, TELEC, SRRC

Models

KDC200 – USB & Bluetooth® HID/SPP

KDC200i – USB & Bluetooth® HID/SPP/MFi

Package Contents

- 1 Data Collector with rechargeable battery
- 1 USB cable, 1 Lanyard, 1 Software CD,
- 1 Protective Boot, optional Finger Trigger Glove



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