

# KDC350 Barcode Data Collector

## A New Wave in Auto-ID

The KDC350 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

A built-in display and keypad eliminate blind erroneous data collection and enable interactive data collection processes.

It has an easy-to-replace rechargeable battery that can recharge from any USB Port.

With the optional 4MB of on-board memory it can store 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).



BlackBerry



Bluetooth®  
GPS  
NFC

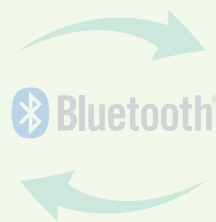


## ADVANCED FEATURES

- 1D Laser and 2D Imager Models
- Class2 Bluetooth® with HID/SPP/MFi (Optional) Profiles
- Bright 1" OLED Display
- 19 Keypads
- Rechargeable Li-Ion Battery
- 48 Channel GPS Receiver (Optional)
- NFC (Optional)
- Stores 100,000+ Product Records
- KTSync® with Keyboard Wedging, Application Generation, DB Look up and Inventory Management features.

## Transportation

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



# KDC350 Specifications

## Hardware Specifications

### Physical Characteristics

- **Size** : 1.69" x 3.70" x 0.94" (43mmx94mmx24mm)
- **Weight** : 3.0 oz (85 grams)

### Electrical Characteristics

- **Battery** : Lithium-Ion (3.7V DC, 1200mAh)
- **Charging** : Via USB connector
- **Typical Operating Current** : 300mA@3.3V

### GPS (Optional)

PT9250 48 channel GPS Receiver

### NFC (Optional)

MIFARE Ultralight, MIFARE Ultralight C tag

### User Environment

**Ingress Protection Rating** : IP65

**Drop Spec**: 5 feet (1.5m)

**Operating** : 14°F (-10°C) ~ 122°F (50°C)

**Storage** : -4°F (-20°C) ~ 140°F (60°C)

**Humidity** : 5% ~ 90% (noncondensing)

### Interfaces

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

USB to Serial (Ultra mini USB port)

### Keypad

19 Alphanumeric including scan and scroll buttons

### Functionality

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

**Memory RAM** : 64KB

**Microprocessor** : ARM7, 32 bits

**Real-time Clock** : Quartz RTC for timestamp

## Symbologies

All major 1D and 2D Symbologies

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

## Regulatory Conformance

**Laser Safety** – IEC/CDRH Class II

**EMC** - CE, FCC, MIC, TELEC

## Models

KDC350L, KDC350Li, KDC350LN, KDC350LNi, KDC350LG, KDC350LGi, KDC350LNG, KDC350LNGi, KDC350C, KDC350Ci, KDC350CN, KDC350CNI, KDC350CG, KDC350CGi, DC350CNG, KDC350CNGi

## Package Contents

- 1 Data Collector with rechargeable battery
- 1 USB cable, 1 Neck strap, 1 Software CD

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