

# KDC300 Imager Barcode Data Collector

## A New Wave in Auto-ID

The KDC300 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 10,000,000 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).



Made for



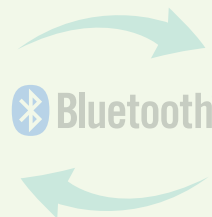
iPod iPhone iPad



## ADVANCED FEATURES

- Ultra Compact & Lightweight
- Decodes 1D, 2D and OCR-A/B
- Class2 *Bluetooth*® with HID/SPP/ MFi(300i model only) 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.

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



# KDC300 Specifications

## Hardware Specifications

### Physical Characteristics

Size : 1.45" x 3.26" x 0.82" (37mmx83mmx21mm)

Weight : 1.9 oz. (54 grams)

### Electrical Characteristics

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

Charging : Via USB connector

Typical Operating Current : 300mA@3.3V

### Scanning Performance

Image Sensor : 752 x 480 CMOS sensor

Scan Range : 1.9" (5 cm) ~ 12.9" (33 cm)

### 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 : ARM9, 32 bits

Real-time Clock : Quartz RTC for timestamp

## Symbologies

### 2 Dimensional

AztecCode, AztecRunes, CodablockF, Code 16K, Code49, DataMatrix, MaxiCode, MicroPDF, PDF417, QRCode, HanXin Code

### 1 Dimensional

Codabar, Code11, Code32, Code39, Code128, EAN8, EAN13, GS1-128, I2of5, MSI, Plessey, PosiCode, GS1 DataBar Omni, GS1 DataBar Limited, GS1 DataBar Expanded, S2of5IA, S2of5ID, TLC39, Telepen, Trioptic, UPCA, UPCE

### Postal

AusPost, CanadaPost, ChinaPost, JapanPost, KoreaPost, KixPost, Planet Code, Postnet (US), UKPost

### OCR Fonts

OCR-A, OCR-B, OCRUSCurrency, OCRMICRE13B, OCRSEMIFONT

## Wedging & Synchronization

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

## Regulatory Conformance

EMC - CE, FCC, MIC, TELEC

## Application Generation

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

## Models

KDC300 – USB & Bluetooth® HID/SPP

KDC300i – 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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