

# KDC300 Imager Barcode Data Collector



## Advanced Features

- Ultra Compact & Lightweight
- Decodes 1D, 2D symbologies plus OCR-A/B
- *Bluetooth*<sup>®</sup> V2.0+EDR, Class 2
- Bright 1" OLED display
- Rechargeable Li-Ion battery
- Stores 10,000+ barcodes
- KTSync<sup>®</sup> Wedge & Sync. SW

## Enables diverse mobile barcode data collection applications

User can easily collect and upload stored barcode data from the battery powered KDC300 to the host device via *Bluetooth*<sup>®</sup> wireless technology, USB, or Serial, at any time.

## Puts an end to erroneous, blind barcode data collection processes

Inaccurate barcode data collection can result in flawed records. Users can easily verify and manipulate the scanned barcode data visually on the 1" OLED display using three buttons.

## No more power and memory shortages

With normal periodic charging, the built-in 600mAh Li-Ion rechargeable battery powers up 300 times before needing to be replaced. The USB connector easily allows users to charge the battery virtually anywhere.

## No more complex data synchronization processes

Host devices such as PC, PDA, and smartphone can detect and perform upload processes automatically upon connecting to the KDC300.

Bundled synchronization and keyboard emulator program, KTSync<sup>®</sup> enables direct importing of scanned data into active Windows application.

Custom data collection and synchronization applications can be developed using the included SDK.



# Honeywell



# KDC300

## Specifications

### Hardware Specifications

#### Physical Characteristics

Size: 1.45"x3.26"x0.82" (37mmx83mmx21mm)  
Weight: 1.8oz (52g)

#### Electrical Characteristics

Battery: Lithium-Ion (3.7V DC, 600mAh)  
Charging: Via USB connector  
Typical Operating Current: 300mA@3.3V

#### Scanning Performance

Image Sensor: 752 x 480 CMOS sensor  
Scan Range: 1.9" (5cm) ~ 12.9" (33cm)

#### Temperature & Humidity

Operating: 14°F (10°C) ~ 122°F (50°C)  
Storage: -20°C (-4°F) ~ 140°F (60°C)  
5% ~ 90% (non condensing)

#### Interface

Bluetooth® V2.0+EDR, Class 2, SPP  
USB and Serial (Ultra mini USB port)

#### Functionality

Memory FlashROM: 200KB Data Storage  
Microprocessor: ARM9, 32 bits  
Keyboard: 1 scan button, 2 scroll buttons  
Realtime Clock: Quartz RTC for timestamp

### Symbologies

#### 2 Dimensional

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

#### 1 Dimensional

Codabar, Code11, Code32, Code39, Code128,  
EAN8, EAN13, EANUCC, I2of5, MSI, Plessey,  
PosiCode, RSS-14, RSSLimit, RSSEXPAND,  
S2of5IA, S2of5ID, TLC39, Telepen, Trioptic,  
UPCA, and UPCE

#### Postal

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

#### OCR Fonts

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

### Synchronization

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

### Regulatory Conformance

EMC - CE, FCC, MIC, TELEC

### Package Contents

1 KDC300 Data Collector  
1 USB cable, 1 Neck strap, 1 Software CD  
Rubber Case (Optional)

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