

# KDC300 Imager Barcode Data Collector



## Advanced Features

- Decodes all major 1D, 2D symbologies and OCR-A/B
- *Bluetooth*® V2.0+EDR, Class 2, SPP (Serial Port Profile)
- Bright OLED display
- Rechargeable Li-ion battery with user-accessible compartment for easy replacement
- Auto uploading data to the host device upon connecting USB port
- Large data memory

### 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*® wireless technology and USB 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 large, 1" OLED display with three buttons.

### No more power and memory shortages

With normal periodic charging, the built-in 600mAh Li-ion rechargeable battery powers up to one year of barcode data collection without replacement. 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 mobile phones can detect and perform upload processes automatically upon connecting the KDC300 to the device.

The bundled synchronization and keyboard emulator program enables direct importing of scanned data into the active Windows application.

Develop custom data collection and synchronization applications using the included Software Development Kit.



# KDC300

## Specifications

### Hardware Specifications

#### Physical Characteristics

Size: 37mm x 83mm x 21mm

Weight: 52g

#### Electrical Characteristics

Battery: Lithium-Ion rechargeable (3.7V DC, 600mAh)

Charging: Via USB connector

Typical Operating Current: 500mA@3.3V

#### Scanning Performance

Image Sensor: 752 x 480 CMOS sensor

Scan Range: 5cm ~ 33cm

#### Temperature

Operating: -10°C ~ 50°C

Storage: -20°C ~ 60°C

#### Humidity

5% ~ 90% (non condensing)

#### Scanning Performance

Scan Rate: 100 scans/sec (bi-directional)

#### Interface

Bluetooth® V2.0+EDR, Class2, SPP

USB (Ultra mini USB port)

Serial (Ultra mini USB port)

#### Functionality

Memory FlashROM: 2MB Data Storage

Microprocessor: ARM9, 32 bits

Keyboard: 1 scan button, 2 scroll buttons

Realtime Clock: Quartz RTC for optional time stamp field

### Symbologies

**2D** - PDF417, MicroPDF417, MaxiCode, QR Code, Data Matrix, Aztec, Aztec Mesa, Code49, UCC Composite

**1D** - Code39, Code128, Codabar, UPC, EAN, Interleave 2 of 5, Reduced Space Symbology, Code93, Codablock

**Postal** - Postnet (US), Planet Code, BPO 4 State, Canadian Post, Japanese Post, KIX (Netherlands) Post

**OCR Fonts** - OCR-A and OCR-B

### 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 Data Collector with rechargeable battery

1 USB cable, 1 Neck strap, 1 Software CD

### Accessories

Rubber Case

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