

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 collection 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 no longer a concern.

All KDC® products come with FREE KTSync® software and SDK. KTSync® includes keyboard wedging, application generation, DB look up, and inventory management features. SDK provides technical support from our top engineers and development staff.



ADVANCED FEATURES

- Ultra Compact & Lightweight
- Decodes 1D, 2D and OCR-A/B
- Class2 Bluetooth® with HID/SPP/MFi (Optional) 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



BlackBerry



Windows



Mac

Solutions

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



KDC300 Specifications

Hardware Specifications

Physical Characteristics

Size : 37 mm x 83 mm x 21 mm

(1.45" x 3.26" x 0.82")

Weight : 1.9 oz (54 g)

Electrical Characteristics

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

Charging : USB connector

Typical Operating Current : 300mAh@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

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, KCC, TELEC

Application Generation

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

Models

KDC300SR, KDC300SF, KDC300M-SR, KDC300M-SF, KDC300i-SR, KDC300i-SF, KDC300iM-SR, KDC300iM-SF

Package Contents



1 KDC300 Data Collector



1 Protective Boot



1 Lanyard



1 USB Cable



Optional Finger Trigger Glove (sold separately)

