

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. With an OLED display to verify scanned data, no more blind or erroneous data collection.

And no more power shortages because of an easy-to-replace battery that powers up more than 300 times and recharges from any USB port. With 180KB of on-board memory for storing over 10,000 barcodes, no more memory shortages either.

All KDC products come with state-of-the-art KTSync® software for synchronization and terminal emulation that directly imports scanned data into any Windows application. And FREE for developers, is our SDK including technical support from our top engineers and development staff.



ADVANCED FEATURES

- Ultra Compact & Lightweight
- Decodes 1D, 2D and OCR-A/B
- *Bluetooth*® V2.0+EDR, Class 2
- Bright 1" OLED Display
- Rechargeable Li-Ion Battery
- Stores 10,000+ Barcodes
- KTSync® Wedge & Sync. SW
- Application Generator
- Antimicrobial Case

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



KDC300 Specifications

Hardware Specifications

Physical Characteristics

Size: 1.45"x3.26"x0.82" (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® V2.0+EDR, Class 2, SPP

USB (Ultra mini USB port)

Functionality

Memory Flash ROM: 80KB Data Storage or
100KB Database/80KB Data Storage

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, 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 application
- Keyboard wedge function
- Add-on prefixes and suffixes
- Barcode option selection

Regulatory Conformance

EMC – CE, FCC, MIC, TELEC

Application Generation

- SDK for PC and PDA application
- Application generation tool for custom applications including collection flow control and Database lookup feature

Package Contents

1 Data Collector with rechargeable battery,
1 USB cable, 1 Neck strap, 1 Software CD,
Rubber Case (Optional)

For more information, contact us at:

KoamTac, Inc.
116 Village Boulevard, Suite 200
Princeton, NJ 08540, USA

TEL: +1-609-734-4335
FAX: +1-609-228-4373
EMAIL: info@koamtac.com
www.koamtac.com

