

KDC300i Imager Barcode Data Collector

A New Wave in Auto-ID

The KDC300i 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.



Made for



iPod



iPhone



iPad



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

Honeywell



KDC300i Specifications

Hardware Specifications

Physical Characteristics

Size: 1.45" x 3.26" x 0.82" (37mm x 83mm x 21mm)
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, UPCE

Postal

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

OCR Fonts

OCR-A, OCR-B, OCRUSCurrency,
OCRMICRE13B, 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, Matching, Inventory and Database lookup feature

Models

KDC300 –USB & Bluetooth® SPP Devices
KDC300i –iPhone, iPad & iPod touch

Package Contents

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



"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.

"Made for iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.

"Made for iPad" means that an electronic accessory has been designed to connect specifically to iPad and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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KDC SOLUTIONS

A New Wave in AUTO-ID



Transportation & Logistics

Ultra compact, economically designed KDC100/200/300 data collector provides sophisticated solutions for managing couriers, packages, deliveries, and shipments worldwide. Integrated with the latest GPS and 3G wireless technologies, the *features and functionality* of KoamTac's scanners stand out compared to any legacy or industrial solutions available today.



Field Services

Throughout the field service industries like pest control, equipment installation, repair and maintenance, and industrial cleaning, quality customer service is the key to keeping loyal customers. Field service technicians carrying KoamTac's sophisticated KDC100/200/300 with quick access to accurate, up-to-the-second, customer data is the *new wave in Auto-ID* solutions that's affordable, too.



Distribution & Retail

With KoamTac's KDC100/200/300, employees easily stock and restock items, instantly access customer history, and quickly query inventory with accurate, real time data, necessary for delivering quality service your customers demand. Faster checkout lines, accurate product pricing, and streamlined order entry, KoamTac's Auto-ID technology increase retail sales by delivering quality customer service through affordable Auto-ID technology.



Healthcare Services

The healthcare industry is under enormous pressure to reduce medical costs while still delivering quality patient care. KoamTac's ultra compact data collectors, KDC100/200/300 connect to a PC, PDA, or smartphone, providing speedy access to patients' medical data and insurance records *at a fraction of the cost for traditional Auto-ID solutions.*



Property Management

KoamTac's powerful KDC100/200/300 connects to your host computer making management of multiple properties, hotel guests, or conference attendees simple. Scan a guest's ID, vendor's badge, or driver's license for instant access to accurate data verified remotely using a PC, PDA, or smartphone. Trade your bulky legacy solution for an affordable *new wave in Auto-ID.*

For more information, contact us at:

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