

KDC200i Laser Barcode Data Collector

A New Wave in Auto-ID

The KDC200i 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
- *Bluetooth*® V2.0+EDR, Class 2
- Bright 1" OLED Display
- Rechargeable Li-Poly Battery
- Stores 10,000+ Barcodes
- KTSync® Wedge & Sync. SW
- Application Generator

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



KDC200i Specifications

Hardware Specifications

Physical Characteristics

Size: 1.37"x2.44"x0.59" (35mmx62mmx15mm)

Weight: 1.2 oz. (34 grams)

Electrical Characteristics

Battery: Lithium-Polymer (3.7V DC, 190mAh)

Charging: Via USB connector

Typical Operating Current: 120mA@3.3V

Scanning Performance

Scan Rate: 100 scans/sec

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 and Serial (Ultra mini USB port)

Functionality

Memory Flash ROM: 80KB Data Storage or

100KB Database/80KB Data Storage

Memory RAM: 64KB

Microprocessor: ARM7, 32 bits

Real-time Clock: Quartz RTC for timestamp

Symbologies

EAN, UPC, Code 39, Code 93, Code 128, Codabar, Interleaved 2 of 5, GS1-128, Code 3 of 5, PDF417 (Optional)

Synchronization

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

Application Generation

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

Regulatory Conformance

Laser Safety – IEC Class I, CDRH Class II
EMC – CE, FCC, MIC, TELEC

Models

KDC200 – USB & *Bluetooth*® SPP Devices

KDC200p – 1D and PDF417 barcodes

KDC200i – 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.

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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*.

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