KDC100 Laser Barcode Data Collector

A New Wave in Auto-ID

The KDC100 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

A built-in display eliminates blind erroneous data collections and enables interactive data collection processes.

It has an easy-to-replace rechargeable battery that can recharge from any USB Port.
With the optional 4MB of on-board memory it can store over 100,000 product records, memory shortages are also no longer a problem.

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

ADVANCED FEATURES

- Ultra Compact & Lightweight
- Bright 1" OLED Display
- Rechargeable Li-Poly Battery
- Built-in & *swing-out* USB Port
- Stores 100,000+ Product Records
- KTSync® with Keyboard Wedging, Application Generation, DB Look up and Inventory Management features

Transportation

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

KOAMTAC

A New Wave in Auto ID

Hardware Specifications

Physical Characteristics
Size : 1.37"x 2.44"x 0.59" (35mmx62mmx15mm)
Weight : 1.34 oz. (38 grams)

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

Charging : Via USB connector

Typical Operating Current : 100mAh@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
Two USB to Serial interfaces
• Swing-out USB Type A connector
• Built-in ultra mini USB port

Functionality
Memory Flash ROM : 256KB Program, 4MB User Data

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

Wedging & 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, Pad and Smartphone application
• Application generation tool
• Database lookup feature
• Inventory management feature

Regulatory Conformance

Laser Safety - IEC / CDRH Class II
EMC - CE, FCC, MIC

Models

KDC100, KDC100M

Package Contents

1 KDC100 Data Collector, 1 USB cable,
1 Lanyard, 1 CD, 1 Protective Boot

KDC100 KDC200 KDC 250 KDC 300 KDC350 KDC 400 KDC 450 KDC 500

KOAMTAC

Smart Accessories for Smartphones/
Tablets for Smart Savings

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KDC200

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CAUTION

LASER RADIATION -
DO NOT STARE INTO BEAM
< 1 MILLIWATT LASER DIODE
CLASS II LASER PRODUCT

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