A New Wave in Auto-ID

The KDC200 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 5,000,000 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
• Class2 Bluetooth® with HID/SPP/MFi (Optional) Profiles
• Bright 1” OLED Display
• Rechargeable Li-Poly Battery
• Stores 100,000+ Product Records
• KTSync® with Keyboard Wedging, Application Generation, DB Look up and Inventory Management features

Solutions

• Retail
• Transportation
• Field Services
• Warehouse
• Healthcare
• Hospitality
• Event Technology
**KDC200 Specifications**

### Hardware Specifications

#### Physical Characteristics
- **Size**: 35 mm x 62 mm x 15 mm  
  (1.37” x 2.44” x 0.59”)
- **Weight**: 1.2 oz (34 g)

#### Electrical Characteristics
- **Battery**: Lithium-Polymer (3.7V DC, 190mAh)
- **Charging**: USB connector
- **Typical Operating Current**: 120mAh@3.3V

#### Scanning Performance
- **Scan Rate**: 100 scans/sec

#### User Environment
- **Drop Spec**: 4 feet (1.22m) with a 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**: ARM7, 32 bits
- **Real-time Clock**: Quartz RTC for timestamp

#### Symbologies

### 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, Smartphone and Tablet application
- Application generation tool
- Database lookup feature
- Inventory management feature

### Regulatory Conformance
- Laser Safety - IEC Class I, CDRH Class II
- EMC - CE, FCC, KCC, TELEC, SRRC

### Models
- KDC200, KDC200M, KDC200i, KDC200iM

### Package Contents
- 1 KDC200 Data Collector
- 1 Protective Boot
- 1 Lanyard
- 1 USB cable
- Optional Finger Trigger Glove (sold separately)

For more information, contact:
KOAMTAC, Inc.
116 Village Blvd. Suite 305
Princeton, NJ 08540, USA
Tel  +1-609-256-4700
Fax  +1-609-228-4373
E-mail info@koamtac.com
www.koamtac.com