KDC250 Laser Barcode Data Collector

A New Wave in Auto-ID

The KDC250 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.

An easy-to-replace rechargeable battery that can recharge from any USB port allows more than 15,000,000 barcode scans. With 4MB of on-board memory that stores 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).

GPS

Bluetooth®

ADVANCED FEATURES

- 48 Channel GPS Receiver
- Class2 *Bluetooth*® with HID/SPP/ MFi (250i model only) Profiles
- Bright 1" OLED Display
- Rechargeable Li-Ion Battery
- Stores 100,000+ Product Records
- KTSync® with Keyboard Wedging, Application Generation, DB Look up and Inventory Management features.

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

Bluetooth®

KDC250 Specifications

Hardware Specifications

Physical Characteristics
Size : 1.45"x 3.26"x 0.82" (37mmx83mmx21mm)
Weight : 2.0 oz. (57 grams)

Electrical Characteristics
Battery : Lithium-Ion (3.7V DC, 650mAh)
Charging : Via USB connector
Typical Operating Current : 170mA@3.3V

Scanning Performance
Scan Rate : 100 scans/sec

GPS
PT9250 48 channel GPS Receiver

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® V2.1+EDR, Class 2, HID/SPP/MFi(i model only)
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
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 Class I, CDRH Class II
EMC - CE, FCC, MIC, TELEC

Models
KDC250 – USB & *Bluetooth*® HID/SPP
KDC250i – USB & *Bluetooth*® HID/SPP/MFi

Package Contents
1 Data Collector with rechargeable battery
1 USB cable, 1 Lanyard, 1 Software CD,
1 Protective Boot, optional Finger Trigger Glove

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KOAMTAC
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