KDC350 Barcode Data Collector

A New Wave in Auto-ID

The KDC350 enables diverse mobile Auto-Identification applications for collecting and storing barcode data.

A built-in display and keypad eliminate blind erroneous data collection and enable interactive data collection processes.

An easy-to-replace rechargeable battery that can recharge from any USB port allows more than 25,000,000 barcode scans. With 4MB of on-board memory that stores over 100,000 product databases, 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).
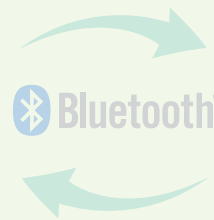
ADVANCED FEATURES

- 1D Laser and 2D Imager Models
- Class2 *Bluetooth*® with HID/SPP/MFi (Optional) Profiles
- Bright 1" OLED Display
- 19 Keypads
- Rechargeable Li-Ion Battery
- 48 Channel GPS Receiver (Optional)
- NFC (Optional)
- 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** : 1.69"x 3.70"x 0.94" (43mmx94mmx24mm)
- **Weight** : 3.0 oz (85 grams)

Electrical Characteristics
- **Battery** : Lithium-Ion (3.7V DC, 1200mAh)
- **Charging** : Via USB connector
- **Typical Operating Current** : 300mA@3.3V

GPS (Optional)
PT9250 48 channel GPS Receiver

NFC (Optional)
ISO/IEC 14443A, 14443B, 15693
MIFARE 1K/4K, Ultralight, NFC-IP2

User Environment
Ingress Protection Rating : IP65
Drop Spec: 5 feet (1.5m)
Operating : 14°F (-10°C) ~ 122°F (50°C)
Storage : -4°F (-20°C) ~ 140°F (60°C)
Humidity : 5% ~ 90% (noncondensing)

Interfaces
Bluetooth® V2.1+EDR, Class 2, HID/SPP/MFi
USB to Serial (Ultra mini USB port)

Keypad
19 Alphanumeric including scan and scroll buttons

Functionality
Memory Flash ROM : 256KB Program, 4MB User Data
Memory RAM : 64KB
Microprocessor : ARM7, 32 bits
Real-time Clock : Quartz RTC for timestamp

Symbologies

All major 1D and 2D 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 and Smartphone application
- Application generation tool
- Database lookup feature
- Inventory management feature

Regulatory Conformance

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

Models

KDC350L, KDC350Li, KDC350LN, KDC350LNi, KDC350LG, KDC350LGi, KDC350C-SR, KDC350C-SF, KDC350Ci-SR, KDC350Ci-SF, KDC350CN-SR, KDC350CN-SF, KDC350CNi-SR, KDC350CNi-SF, KDC350CG-SR, KDC350CG-SF, KDC350CGi-SR, KDC350CGi-SF

Package Contents

1 Data Collector with rechargeable battery
1 USB cable, 1 Neck strap, 1 Software CD

For more information, contact us at:

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