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 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

- 1D Laser and 2D Imager Models
- Class2 Bluetooth® with HID/SPP/MFi (Optional) Profiles
- Bright 1” OLED Display
- 2 Keypad models: 3 or 19
- Rechargeable Li-Ion Battery
- 48 Channel GPS Receiver(Optional)/NFC(Optional)

Solutions

- Retail
- Transportation
- Field Services
- Warehouse
- Healthcare
- Hospitality
- Event Technology
## KDC350 Specifications

### Hardware Specifications

**Physical Characteristics**
- Size: 43 mm x 94 mm x 24 mm
  (1.69” x 3.70” x 0.94”)
- Weight: 3.0 oz (85 g)

**Electrical Characteristics**
- Battery:
  - KDC350: Lithium-Ion (3.7V DC, 1200mAh) softpack
  - KDC350R2: Lithium-Ion (3.7V DC, 1130mAh) hardpack
- Charging: Via USB connector, Charging cradle
- Typical Operating Current: 300mA@3.3V

**GPS (Optional)**
- PT9250 48 channel GPS Receiver

**NFC (Optional)**
- MIFARE Ultralight/Ultralight C/1K, ISO15693

**User Environment**
- Ingress Protection Rating: IP65
- Drop Spec: 5 feet (1.5m)
- Operating: -4°F (-20°C) ~ 122°F (50°C)
- Storage: -4°F (-20°C) ~ 140°F (60°C)
- Humidity: 5% ~ 95% (noncondensing)

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

**Keypad**
- 19 alphanumeric keys 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

### Scan Engine & Symbologies

**Scan Engine:**
- KDC350: Option VLM4122(1D), Honeywell 5100
- KDC350R2: Motorola SE960(1D), Honeywell N5600

**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, KCC, TELEC

### Models


### Package Contents

- 1 KDC350 Data Collector
- 1 Lanyard
- 1 USB Cable

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