

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 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)/Wi-Fi (Optional)



Windows



Mac

Made for

iPod iPhone iPad

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

Wi-Fi (Optional)

Compliance: 2.4GHz IEEE 802.11b/g/n

Support: 802.11g/n OFDM with BPSK, QPSK, 16-QAM and 64-QAM; 802.11b with BPSK, QPSK and CCK

Support for following data rates:

- 802.11n (20MHz): MCS0 - 7; 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65.0, 72.2 Mbps
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11b: 1, 2, 5.5, 11 Mbps

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

KDC350L-OP, KDC350Li-OP, KDC350LN-OP, KDC350LNI-OP, KDC350LG-OP, KDC350LGi-OP, KDC350LNG-OP, KDC350LNGi-OP, KDC350C-SR/SF, KDC350Ci-SR/SF, KDC350CN-SR/SF, KDC350CNI-SR/SF, KDC350CG-SR/SF, KDC350CGi-SR/SF, DC350CNG-SR/SF, KDC350CNGi-SR/SF, KDC350L-MO-R2, KDC350Li-MO-3K-R2, KDC350LN-MO-R2, KDC350LNI-MO-R2, KDC350LG-MO-R2, KDC350LGi-MO-R2, KDC350LNG-MO-R2, KDC350LNGi-MO-R2, KDC350C-G6SR-R2, KDC350C-G6SR-3K-R2, KDC350Ci-G6SR-R2, KDC350Ci-G6SR-3K-R2, KDC350CN-G6SR-R2, KDC350CNI-G6SR-R2, KDC350CG-G6SR-R2, KDC350CGi-G6SR-R2, KDC350CNG-G6SR-R2, KDC350CNGi-G6SR-R2, KDC350CF-G6SR-R2, KDC350CFi-G6SR-R2

Package Contents



1 KDC350
Data Collector



1 Lanyard



1 USB Cable

