

KDC200 Laser Barcode Data Collector



Advanced Features

- Ultra Compact & Lightweight
- Decodes PDF417 and 1D symbologies
- *Bluetooth*® V2.0+EDR, Class 2
- Bright 1" OLED display
- Rechargeable Li-Poly battery
- Stores 10,000+ barcodes
- KTSync® Wedge & Sync. SW

Enables diverse mobile barcode data collection applications

User can easily collect and upload stored barcode data from the battery powered KDC200 to the host device via *Bluetooth*® wireless technology, USB, or Serial, at any time.

Puts an end to erroneous, blind barcode data collection processes

Inaccurate barcode data collection can result in flawed records. Users can easily verify and manipulate the scanned barcode data visually on the 1" OLED display using three buttons.

No more power and memory shortages

With normal periodic charging, the built-in 170mAh Li-Polymer rechargeable battery powers up 300 times before needing to be replaced. The USB connector easily allows users to charge the battery virtually anywhere.

No more complex data synchronization processes

Host devices such as PC, PDA, and smartphone can detect and perform upload processes automatically upon connecting to the KDC200.

Bundled synchronization and keyboard emulator program, KTSync® enables direct importing of scanned data into active Windows application. Custom data collection and synchronization applications can be developed using the included SDK.



KDC200

Specifications

Hardware Specifications

Physical Characteristics

Size: 1.37"x2.44"x1.37" (35mmx62mmx15mm)

Weight: 1.20oz (34g)

Electrical Characteristics

Battery: Lithium-Polymer (3.7V DC, 170mAh)

Charging: Via USB connector

Typical Operating Current: 100mA@3.3V

Scanning Performance

Scan Rate: 100 scans/sec

Temperature & Humidity

Operating: 14°F (10°C) ~ 122°F (50°C)

Storage: -20°C (-4°F) ~ 140°F (60°C)

5% ~ 90% (non condensing)

Scanning Performance

Scan Rate: 100 scans/sec (bi-directional)

Interface

Bluetooth® V2.0+EDR, Class 2, SPP

USB and Serial (Ultra mini USB port)

Functionality

Memory FlashROM: 200KB Data Storage

Memory RAM: 64KB

Microprocessor: ARM7, 32 bits

Keyboard: 1 scan button, 2 scroll buttons

Realtime Clock: Quartz RTC for timestamp

Symbologies

EAN, UPC, Code 39, Code 93, Code 128,
Codabar, Interleaved 2 of 5, UCC/EAN128,
Code 3 of 5, PDF417(OPTION)

Synchronization

Store to a file or transfer to the application
Keyboard wedge function
Adds prefixes and suffixes
Barcode option selection

Regulatory Conformance

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

Package Contents

1 Data Collector with rechargeable battery
1 USB cable, 1 Neck strap, 1 Software CD
Rubber Case (Optional)

Models

KDC200 - 1D barcodes
KDC200P - 1D and PDF417 barcodes

For more information about the KDC200,
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