

KDC200 Laser Barcode Data Collector



Advanced Features

- Decodes PDF417 and all popular 1-D symbologies
- Bluetooth V2.0+EDR, Class 2, SPP (Serial Port Profile)
- Bright OLED display
- Rechargeable Li-Poly battery with user-accessible compartment for easy replacement
- Top of the line laser scan engine
- Auto uploading scanned data to the host device upon connecting either Bluetooth, Serial or USB
- Large data memory

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, Serial and USB 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 large, 1" OLED display with just three buttons.

No more power and memory shortages

With normal periodic charging, the built-in Li-Polymer rechargeable battery powers up to one year of barcode data collection without replacement. 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 mobile phones can detect and perform upload processes automatically upon connecting the KDC200 to the device.

The bundled synchronization and keyboard emulator program enables direct importing of scanned data into the active Windows application.

Develop custom data collection and synchronization applications using the included Software Development Kit.



KDC200

Specifications

Hardware Specifications

Physical Characteristics

Size: 35mm x 62mm x 15mm

Weight: 34g

Electrical Characteristics

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

Charging: Via USB connector

Typical Operating Current: 130mA@3.3V

Scanning Performance

Scan Rate: 100 scans/sec

Temperature

Operating: -10°C ~ 50°C

Storage: -20°C ~ 60°C

Humidity

5% ~ 90% (non condensing)

Scanning Performance

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

Interface

Bluetooth V2.0+EDR, Class2, SPP

USB (Ultra mini USB port)

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 optional time stamp field

Symbologies

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

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

Package Contents

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

Accessories

Rubber Case

Models

KDC200B -1D barcodes

KDC200BP -1D and PDF417 barcodes

Specifications are subject to change without notice.
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