

KDC100 Laser Barcode Data Collector



Advanced Features

- Ultra Compact & Lightweight
- Decodes 1D symbologies
- Bright 1" OLED display
- Rechargeable Li-Poly battery
- Built in swing-out USB connector
- Stores 10,000+ barcodes
- KTSync® Wedge & Sync. SW
- Software Development Kit

Enables diverse mobile barcode data collection applications

User can easily collect and upload stored barcode data from the battery powered KDC100 to the host device via USB or serial interface 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 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 swing-out USB connector easily allows users to upload stored barcode data and charge the battery virtually anywhere.

No more complex data synchronization processes

USB host or serial devices such as PC, PDA and smartphone can detect and perform upload processes automatically upon connecting the KDC100.

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.



KDC100

Specifications

Hardware Specifications

Physical Characteristics

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

Weight: 1.34oz (38g)

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

USB interface via swing out USB Type A connector and built-in ultra mini USB port

Serial Interface via built-in ultra mini USB port (Custom cable is required)

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.

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 KDC100 Data Collector

1 USB cable, 1 Neck strap, 1 Software CD

Rubber Case (Optional)

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