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)

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

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

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Specifications are subject to change without notice.

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