



KDC-200

Specification Sheet

Programmable Power in the palm of your hand!



Key Features

Wireless Bluetooth Scanner The KDC-200 scans barcodes directly into any application. It works with Windows PC's, laptops and mobile devices (Windows Mobile, Blackberry* and Android*). Automatically connect and download!

Pocket Memory Scanner Away from your desk or phone, the KDC-200 provides feedback on its bright 4-line OLED display while storing your data in its ample memory. Then, download the data to Excel, a file or an application program screen. At just a little over 1 ounce and the size of a Zippo lighter, the KDC-200 is small, easy to carry and takes up almost no space on your desk.

Programmable Portable Data Collector Program the KDC-200 to solve your most complex data collection problems by using the supplied applications, the easy-to-use "Application Generator" or writing custom programs with the SDK.

Small, yet powerful.

We challenged our engineers to pack the KDC-200 with features of larger, more expensive scanners. Connected to your computer via USB or wireless Bluetooth, the KDC-200 works just like a bulky handheld barcode scanner - without the cost and inconvenience. **And it's a portable data collector you can program!**

Weighing in at a little over **one ounce**, the KDC-200 can be carried in your pocket, purse or attached to a key-chain. With a rechargeable battery you can scan for a full shift, then conveniently recharge using the USB cable. Inconspicuous until you need it, its generous memory, bright two-line OLED display, scan indicator lights and programmability, the KDC-200 gives you full control over a wide range of data collection challenges.



Use Your Own Program.

The simple to use **Application Generator** allows you to program up to three unique screens with operator prompts. Each screen can employ symbology validation, list lookup and / or data validation.

Use the **Software Development Kit** to develop your own custom programs to run on the KDC-200 using C++, C# or VB with Microsoft Visual Studio. You can also use KTSync or the intuitive, on-board menu system to select device configuration options.

Wireless Portability.

With its integrated Bluetooth 2.0 radio, the KDC-200 can scan your barcodes directly into an application on the host computer - doing the same job a cordless scanner costing hundreds of dollars more. Easy-to-program prompts ensure your operators are able to concentrate on what to scan next instead of searching a PC screen to confirm the last scan went where it should have.

KDC-200 Specifications

Physical:

Dimensions:	1.37" Wide x 2.44" High x 0.49" Thick
Weight :	1.20 oz. / 34 g (inc. standard battery)
Display:	4 Line 13 Standard Character OLED (User Defined Condensed Character-Sets with SDK)
Main Battery	Rechargeable 3.7 Volt, 190 mAh LiPol
Operation Keys:	Center Scan, 2 Side Menu Scroll Buttons
Operator Indicator Lights	2 - Green / Red / Orange LED's

Hardware:

CPU:	32 bit Arm7
Operating System:	Proprietary
Memory:	64KB RAM, 256KB ROM (180KB User Memory)
Timestamp:	Quartz Real Time Clock
Charging Method:	Via USB cable
Host PC Interfaces:	Bluetooth V2.0+EDR, Class 2 SPP, USB (serial emulation)

Environmental:

Operating Temp:	32°F to 113°F / 0°C to 45°C
Storage Temp:	-4°F to 113°F / -20°C to 45°C
Humidity:	85% non-condensing
Drop Specification:	4 ft. to concrete with included Rubber Boot

Optical Specifications:

Read Rate:	100 scans per second
Light source:	650 nm visible laser diode
Scan method:	Vibrating mirror
Decode rate:	100 decodes/sec
Reading pitch angle:	+35 - +0°, 0 - -35°
Reading skew angle:	-8 - -50°, +8 - +50°
Reading tilt angle:	+20 - +0°, 0 - -20°
Indoor Light Immunity:	4,000 lx max
Sun Light Immunity:	80,000 lx max
MBTF:	10,000 hours
Barcode Symbologies:	UPC / EAN, Code 128, Code 39, Codabar, Interleaved 2 of 5, UCC / EAN128, GS1-128, Code 3 of 5, Code 93
Depth of Field	70 - 550 mm = 2.76 - 21.65 inches 50 - 380 mm = 1.97 - 14.96 inches 60 - 90 mm (UPC PCS0.9, resolution 0.127) 30 mm = 1.97 - 5.12 inches 60 - 110 mm = 2.36 - 4.33 inches

Standard Warranty:

Manufacturer's:	1-year
Additional:	2-year with Service Contract

Regulatory Conformance:

Laser Safety Class:	EC 825, Class I laser product
Product Compliance:	EN 55022, EN 55024
Environmental	RoHS, WEEE®

Small Doesn't Mean You Have to Compromise!



Slightly larger than a Zippo lighter, the KDC-200 is an ultra-convenient, wireless data collection device. Small but easy to use, the KDC-200 is packed with features you wouldn't expect to find in a tiny device. Configuration features for the KDC-200 can be controlled by its easy-to-use on-board menu system or the included KTSync software.

With KTSync on your Windows Mobile, Blackberry* or Android* device, you can leave your phone on your belt or in your purse and read barcodes more quickly & accurately than camera based software. Rechargeable batteries and a bright display make the KDC-200 one of the easiest to use barcode scanners on the market today.

The KDC-200 stores 10,000 barcodes in its persistent memory. Each scan can be optionally include the barcode type, date/time of the scan, the serial number of the unit, the barcode type and a quantity.



Custom Applications

KoamTac can help you meet your specific data collection challenges with custom-designed programs for the KDC line of portable barcode scanners. We maintain a full staff of programming professionals who can quickly translate your manual work process into an automated data collection application. Just give us a call!



BarcodeGuy.com

✉ sales@barcodeguy.com

📞 (800) 880-7495

KoamTac A New Wave in Auto ID

116 Village Boulevard, Suite 200, Princeton, NJ 08540

TEL: 609-734-4335 EMAIL: info@koamtac.com www.koamtac.com

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