Keyboard Wedge Emulation User's Guide

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1. Overview

Barcodesoft Keyboard Wedge Emulation is a Windows freeware used along with serial port input devices, such as barcode scanners, magnetic strip reader. It intercepts RS232 port signal and emulates keyboard strokes so that input from serial port works like coming from keyboard and can be redirected into Windows applications.

Meanwhile, Barcodesoft Keyboard Wedge Emulation allows user to choose codepage. A Japanese language QR code symbol can be successfully decoded into an English Windows system.
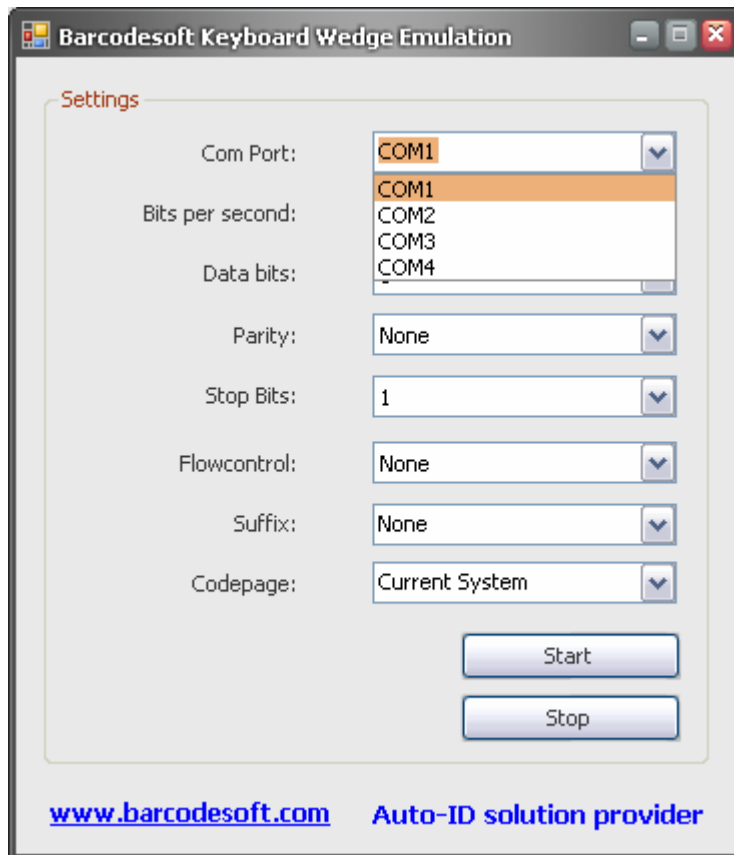
2. System Requirements

Barcodesoft Keyboard Wedge Emulation requires Windows Operating System with Microsoft .Net Framework 2.0 to function.

If you connect your barcode scanner through a serial port, or if you connect through a USB port plus USB Serial Port Emulation Driver, you can use Barcodesoft Keyboard Wedge Emulation to redirect RS232 signal to Windows application.
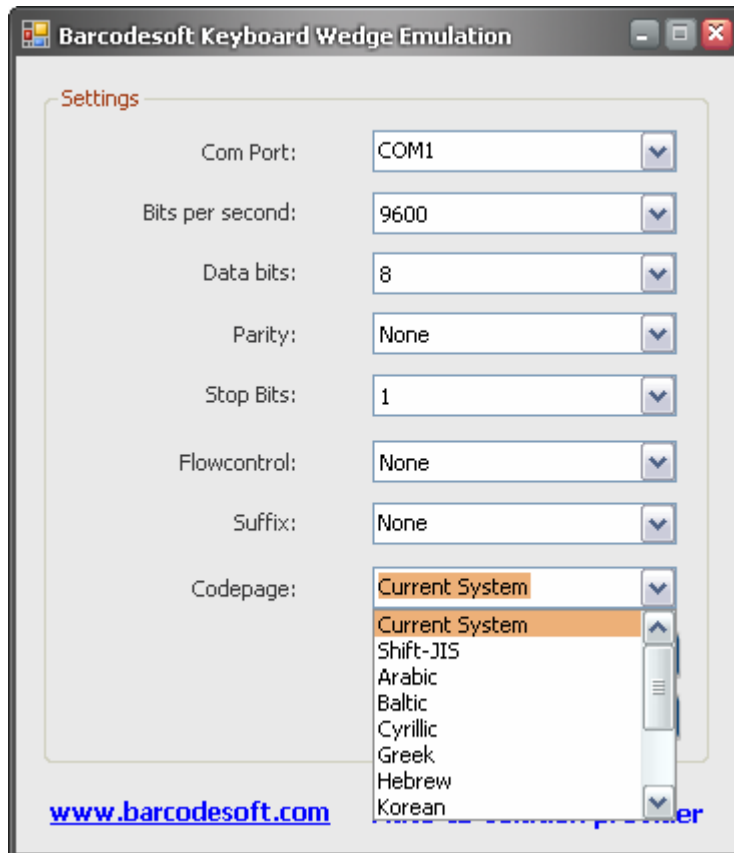
3. Using Keyboard Wedge Emulation

Launch Keyboard Wedge Emulation. Choose COM port and codepage, then click Start button. The program will minimize into your system tray and get ready to redirect your RS232 input into your Windows application.

3.1 Choose COM port from the first Combo Box as shown below. You can find out which COM port is being used by your RS232 device from Device Manager.

3.2 Choose an appropriate codepage as shown below. This is important when your operating system language setting is different from that of the barcode.

For example, usually a QR Code symbol is encoded with Shift-JIS codepage.

If you choose an incorrect codepage, you might not be able to read out barcode correctly. If you don't find the codepage you need in the combo box, you can type it in manually.

For a complete list of available codepages, please see Anne A codepage list.

3.3 Click "Start" button. The program will minimize into your system tray.

Now, you can redirect your RS232 input into your Windows application.

4. Disclaimer

Barcodesoft Keyboard Wedge Emulation is a freeware. There is no warranty for this software, to the extent permitted by applicable law. The entire risk as to the accuracy of this software is with you. Should this software fail to work for your system, you assume the cost of all necessary servicing, repair or correction.

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5. Technical Support

Latest version of this software and technical support can be obtained from the following url:
http://www.barcodesoft.com/keyboard-wedge.aspx

If you have any problem using this software, or if you have any suggestions, please feel free to send us an email support@barcodesoft.com.

Annex A: Codepage List

Code page	ANSI, OEM or other standards	Description
437	OEM	Microsoft® MS-DOS® United States
708	OEM	Arabic (ASMO 708)
709	OEM	Arabic (ASMO 449+, BCON V4)
710	OEM	Arabic (Transparent Arabic)
720	OEM	Arabic (Transparent ASMO)
737	OEM	Greek (OEM 437G)
775	OEM	Baltic
850	OEM	MS-DOS Multilingual (Latin I)
852	OEM	MS-DOS (Latin II)
855	OEM	IBM Cyrillic (primarily Russian)
857	OEM	IBM Turkish
858	OEM	MS-DOS Multilingual (Latin I + Euro)
860	OEM	MS-DOS Portuguese
861	OEM	MS-DOS Icelandic
862	OEM	Hebrew
863	OEM	MS-DOS Canadian-French
864	OEM	Arabic

865	OEM	MS-DOS Nordic
866	OEM	MS-DOS Russian
869	OEM	MS-DOS Modern Greek
874	ANSI & OEM	Thai
932	ANSI & OEM	Japanese Shift-JIS
936	ANSI & OEM	ANSI & OEM Chinese: PRC; Macau SAR, PRC; Singapore (Simplified GBK)
949	ANSI & OEM	Korean
950	ANSI & OEM	ANSI & OEM Chinese: Taiwan; Hong Kong SAR, PRC (Traditional Big5)
1200	ANSI	Unicode (BMP of ISO 10646)
1250	ANSI	Microsoft® Windows® 3.1 Central European
1251	ANSI	Windows 3.1 Cyrillic
1252	ANSI	Windows 3.1 US
1253	ANSI	Windows 3.1 Greek
1254	ANSI	Windows 3.1 Turkish
1255	ANSI	Hebrew
1256	ANSI	Arabic
1257	ANSI	Baltic
1258	ANSI & OEM	Vietnamese
1361	ANSI & OEM	Korean (Johab)

20000	OTHER	CNS - Taiwan
20001	OTHER	TCA - Taiwan
20002	OTHER	E-Ten - Taiwan
20003	OTHER	IBM5550 - Taiwan
20004	OTHER	TeleText - Taiwan
20005	OTHER	Wang - Taiwan
20127	OTHER	US ASCII
20261	OTHER	T.61
20269	ISO	ISO-6937
20866	OTHER	Ukrainian - KOI8-U
21027	OTHER	Ext Alpha Lowercase
21866	OTHER	Ukranian - KOI8
28591	ISO	ISO 8859-1 Latin I
28592	ISO	ISO 8859-2 Eastern Europe
28593	ISO	ISO 8859-3 Turkish
28594	ISO	ISO 8859-4 Baltic
28595	ISO	ISO 8859-5 Cyrillic
28596	ISO	ISO 8859-6 Arabic
28597	ISO	ISO 8859-7 Greek
28598	ISO	ISO 8859-8 Hebrew

28599	ISO	ISO 8859-9 Latin Alphabet No.5
29001	OTHER	Europa 3