



iButton[®] Decoder

INSTALLATION MANUAL

February 2009



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Introduction

The iButton[®] Decoder software displays the serial number embedded in any iButton User Key. An iButton Programming Wand and USB Adaptor are required to use the software.



iButton User Keys



USB Adaptor



iButton Programming Wand



Key Features

- Displays serial number of any iButton key
- Compatible with Windows[®] XP

Installation

INSTALLING THE 1-WIRE™ DRIVERS

1. Insert the CD into your PC's CD ROM drive.
2. Click **Install 1-Wire Drivers** from the main menu
3. Follow the instructions to finish the installation.

INSTALLING THE DEVICE DRIVER

1. Plug the iButton® Programming Wand into the USB Adaptor.
2. Plug the USB Adaptor into an available USB slot on the PC



3. The *Found New Hardware Wizard* window will appear.

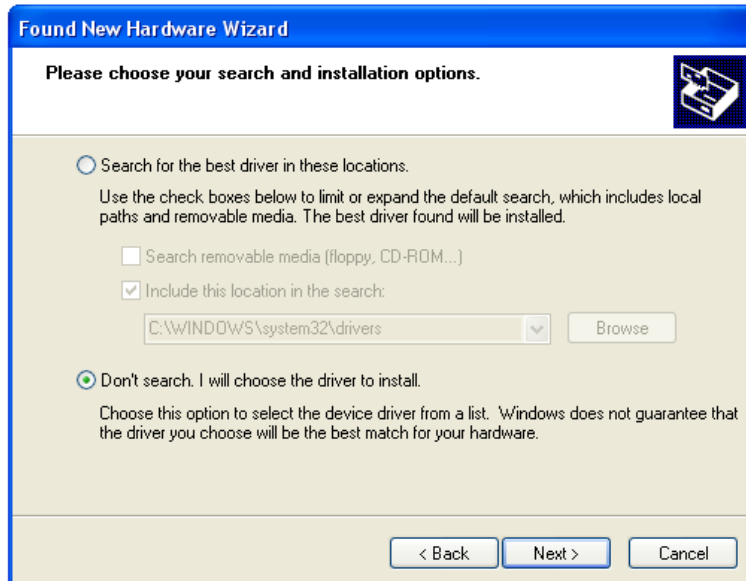
4. Select No, not this time and click NEXT



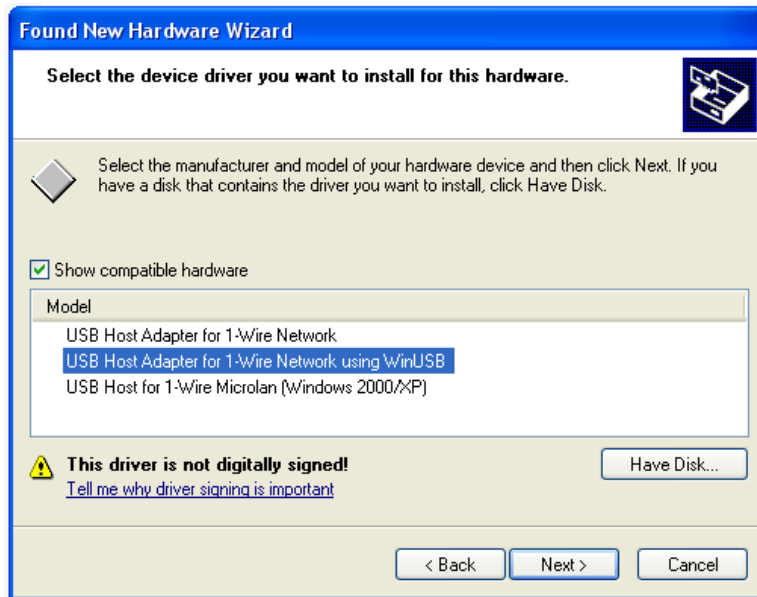
5. Select Install from a list or specific location(Advanced)

6. Click NEXT

7. Select Don't search. I will choose the driver to install and click NEXT



8. Select **USB Host Adapter for 1-Wire™ Network using WinUSB** and click **NEXT**

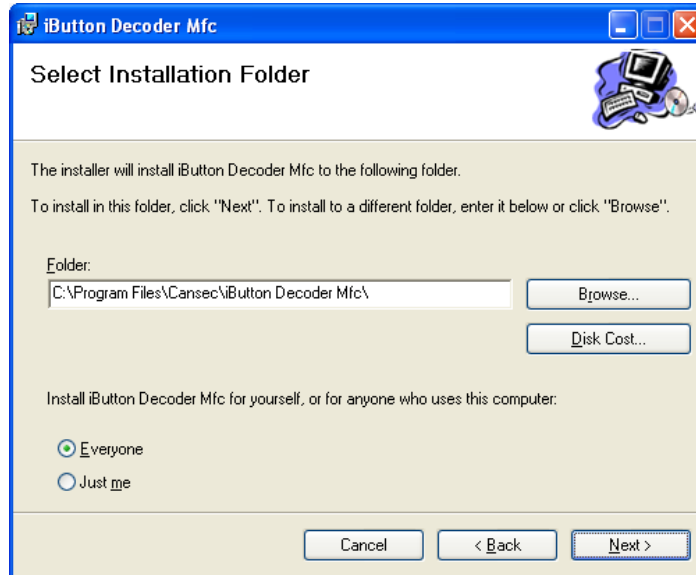


9. Wait while the software installs and then click **FINISH**

INSTALLING THE iBUTTON® DECODER SOFTWARE

1. From the main menu of the *iButton Decoder* CD, click **Install iButton Decoder Software**
2. When the *iButton Decoder Setup Wizard* appears, click **NEXT**
3. Select a destination folder, the default is:
C:\Program Files\Cansec\iButtonDecoderMfc

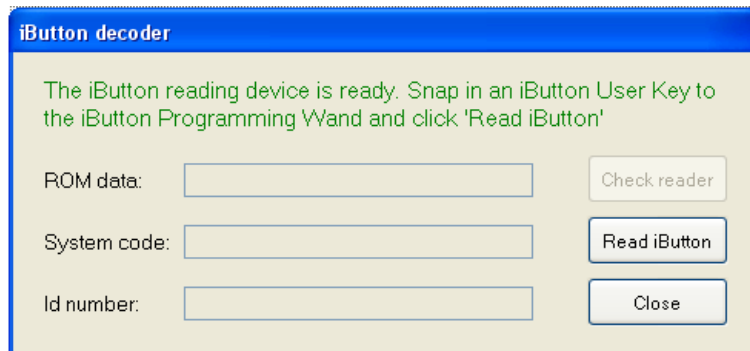
4. Select **Everyone** and click **NEXT**



5. Wait while the iButton[®] Decoder software is installed and then click **CLOSE**

Operation

1. Plug the USB adaptor and programming wand into an available USB port.
2. Go to **START > All Programs > Cansec > iButtonDecoder**



3. Snap an iButton[®] user key into the programming wand



4. Click **Read iButton** to display the serial number of the user key.

iButton decoder

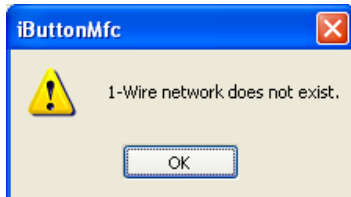
The iButton reading device is ready. Snap in an iButton User Key to the iButton Programming Wand and click 'Read iButton'

ROM data:	<input type="text" value="8C00000007D8870C"/>	<input type="button" value="Check reader"/>
System code:	<input type="text" value="7"/>	<input type="button" value="Read iButton"/>
Id number:	<input type="text" value="55431"/>	<input type="button" value="Close"/>

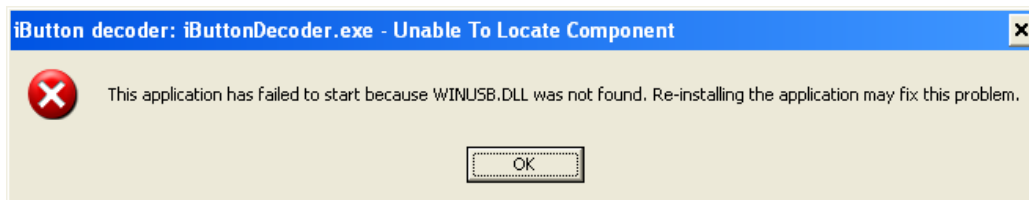
To read another key, remove current one, connect next one and click 'Read iButton'

5. To read another key, simply snap the new user key into the programming wand and press **Read iButton**.

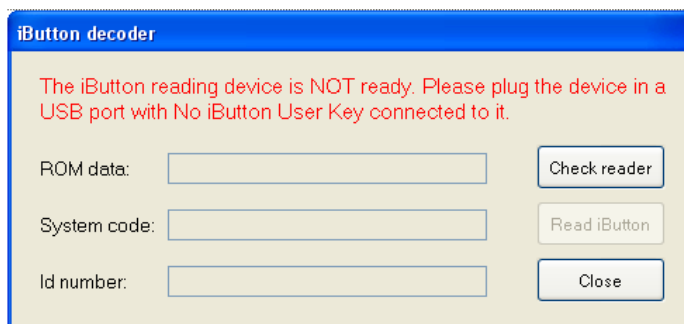
TROUBLESHOOTING



Plug the USB adaptor and programming wand into your PC before starting the iButton Decoder[®] program.

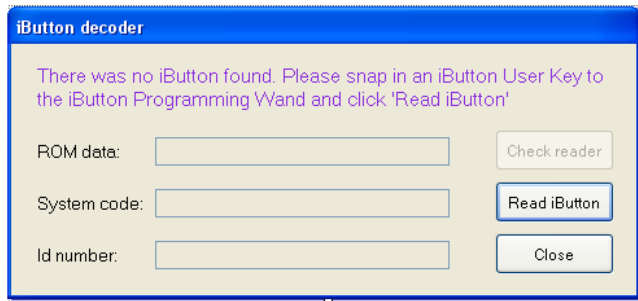


The iButton programming wand and USB adaptor must be plugged into the computer before installing the iButton Decoder software. Follow the instructions in the *Installing the Device Driver* section.



The iButton programming wand and USB adaptor are not connected to the PC or there is an iButton user key snapped into the programming wand.

Plug the programming wand and USB adaptor into the PC or remove the iButton user key from the programming wand and press **Check Reader**.



There is no iButton[®] user key in the programming wand. Snap an iButton user key into the programming wand and press **Read iButton** again.

NOTE: you may have to press and hold the user key into the programming wand to ensure a good contact is made.

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™ 1-Wire is a registered trademark of Maxim Integrated Products, Inc.