Telbit

Design, Development and Manufacture of Electronic Equipment

iButton Scanner

- **Capturing iButton serial numbers**
- **Registration of iButton Access Cards**
- **Fleet Driver Identification**
- **Security Guard Access & Identification**

The iButton Scanner reads the unique serial number from any Maxim iButton® into a personal computer. The scanner is compatible with any desktop application that allows keyboard input such as Microsoft Word, Excel, Notepad, your internet browser, even custom developed applications.

When plugged into a PC, using the micro-USB cable, the Scanner enumerates itself as an HID (Human Interface Device) in "Keyboard Mode". Open any word processing application and touch an iButton to the socket. There are no applications or drivers that needs to be installed, no setup and no software product registration.

The Scanner can also be used in "Serial Mode", ideal for software developers than needs to receive the serial number from a COM port. By removing the jumper link on the PCB puts the scanner in "Serial Mode". The Scanner enumerates itself as a normal COM port on the PC. In this mode the serial number is sent via the COM port to any running application that is accepting or listening to data on the specific COM port. This is ideal for developers that need to incorporate an iButton Reader into their custom software application. In this mode USB Drivers needs to be downloaded and installed to set the iButton Scanner up as a COM port.
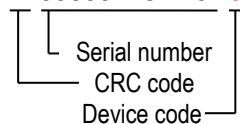
The multi-colour LED on the socket, indicates the status of the Scanner:
1) Flash red and green 3 times on power up.
2) Green when iButton is read successfully.
3) Red indicates iButton not read properly.

Note that the Scanner only reads the serial number, and cannot be used to read or write to the memory contents of the iButton. Contact the manufacturer in this regard.

Format:
7400000146BD5D08

Serial number
CRC code
Device code

Type: DS1992L+F5

Features

- True Plug & Play operation
- Keyboard Mode or selectable Serial Mode
- No software or drivers required in Keyboard Mode
- Windows, Apple Mac and Linux USB compatible
- Read serial number of any Maxim iButton.
- Self powered via USB connector.
- Static (ESD) protection on iButton socket
- Desktop mount with rubber feet.

Specifications

Dimensions:	110mm(L) x 65mm(W) x 40mm(H)
USB Cable:	micro-USB, 1.5 meter
Serial Mode:	9600 baud,8 bits, 1stop, no parity
Environment:	0°C to 55°C
Device Drivers:	www.telbit.co.za\downloads

iButton® is a registered trademark of Maxim Integrated, San Jose, CA USA.
The manufacturer reserves the right to change specifications without prior notice.

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