



**BEETLE /FUSION iButton
Installation Guide**

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BEETLE /FUSION iButton

Installation Guide

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Contents

Introduction	1
Symbols used in this guide	1
Important safety precautions	2
Installation notes	2
Installation	3
Contents in kit	3
Tools required	3
Installing iButton onto B/Fusion	4
Drivers	16
Verify installation and functionality	17

Introduction

This installation guide provides you with the information you require to install the iButton module onto the Beetle /Fusion system.

Symbols used in this guide

- Text following this mark represents an item in a list.

“ “ Text in quotation marks contains references to other chapters or sections in this document.

• Paragraphs following this symbol are actions to be performed in the specific order.



Text following this symbol has to be given special attention in order to avoid damage or injury.



This symbol identifies paragraphs which contain general notes to facilitate use of the device and help avoid operating errors.

Important safety precautions



Please read the following notes carefully before doing any work on the device.

Installation notes

- When installing the device and/or doing any work on it, make sure that it is disconnected from the power.

Repairs



Repair work may only be carried out by authorized personnel.

Unauthorized opening of the device or repair work carried out improperly could result in considerable danger to the user.

In case of noncompliance, Wincor Nixdorf International GmbH excludes all liability.

Installation

This chapter describes the steps to be taken to install the iButton onto the system.

Contents in kit

The following items are available in the upgrade kit:

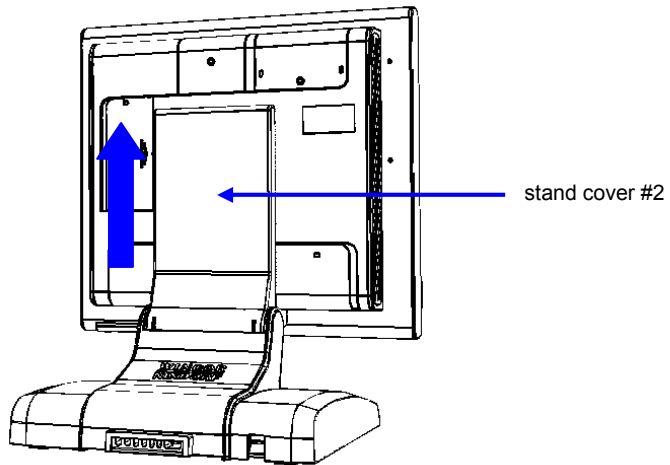
- 1 qty of waiver lock
- 1 qty of iButton controller box
- 1 set of iButton key
- 1 qty of USB cable
- 2 qty of Pan head screws
- 1 qty of Filister head combo screw M3x5

Tools required

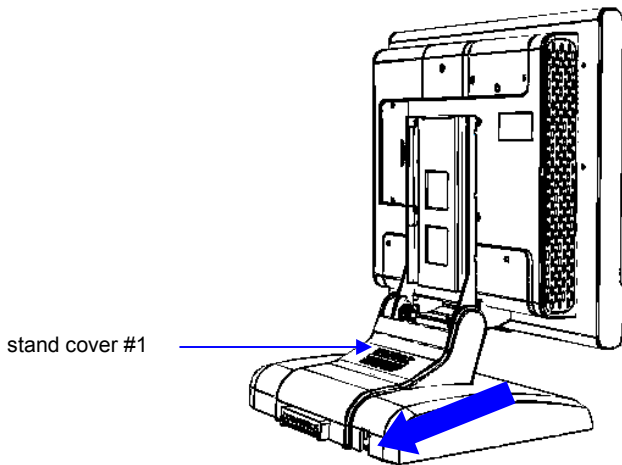
- T10 Torx Screw Driver

Installing iButton onto B/Fusion

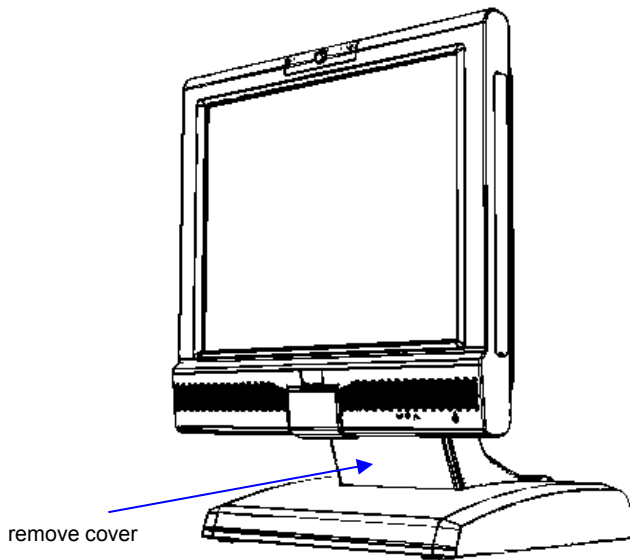
- Remove stand cover #2 by sliding it upwards (see picture below).



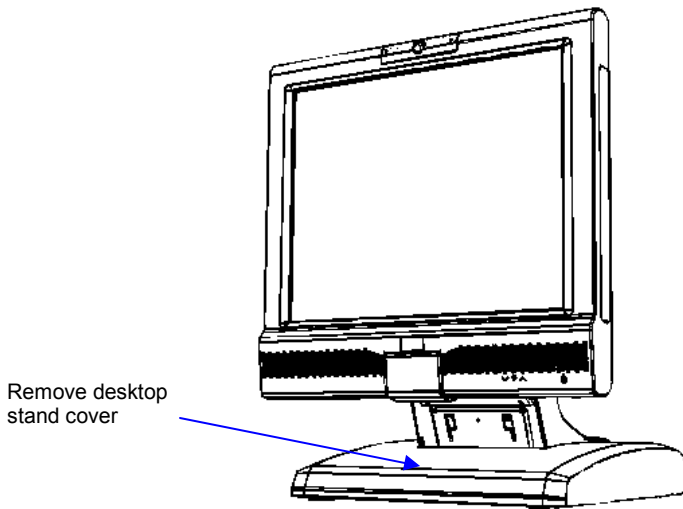
- Remove stand cover #1 by pulling it out in the direction parallel to the base. Use one hand to support stand cover #1, grab the top edge of stand cover #1 using the other hand and pull it out (see picture below).



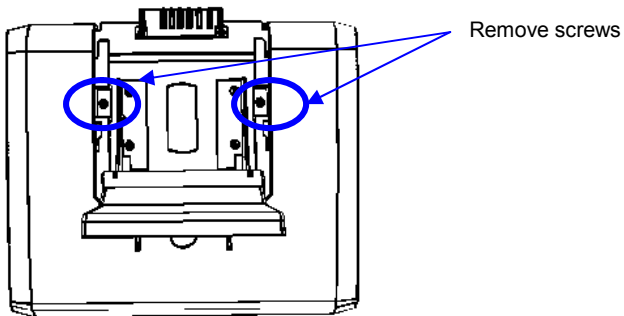
- Remove the cover on the desktop stand (see picture below).



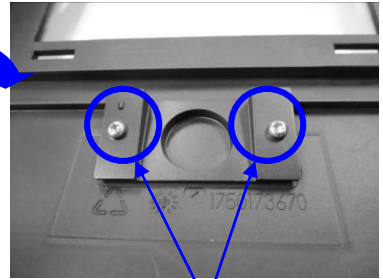
- Remove the desktop stand cover by unscrew the 2 screws at the desktop stand. For ease of viewing, refer to the top down view of the system to locate the position of the 2 screws (see picture below).



Top-down view for desktop stand



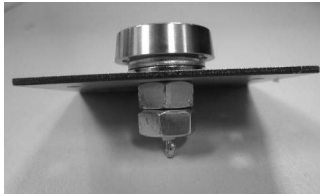
- Flip the desktop stand cover to access to the inner side of the desktop stand and remove the 2 screws to remove the iButton cap (see picture below).



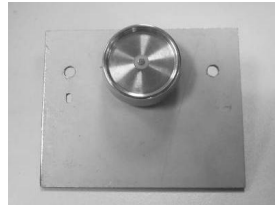
Remove screws



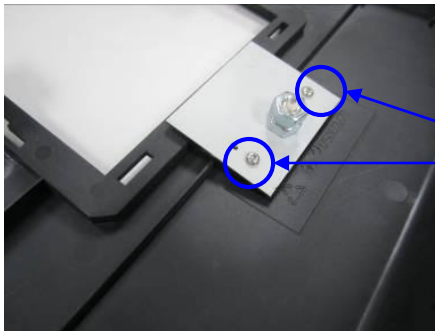
- Place the iButton kit onto the same location of the previous iButton cap and tighten the 2 screws to secure the iButton onto the desktop stand cover.



iButton – side view



iButton – front view



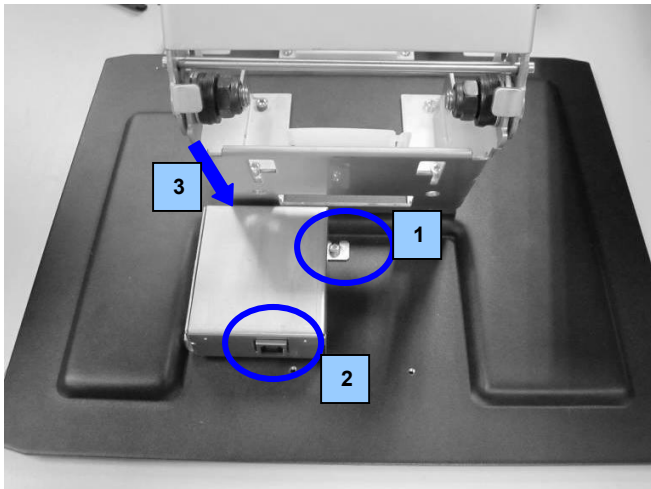
Tighten screws



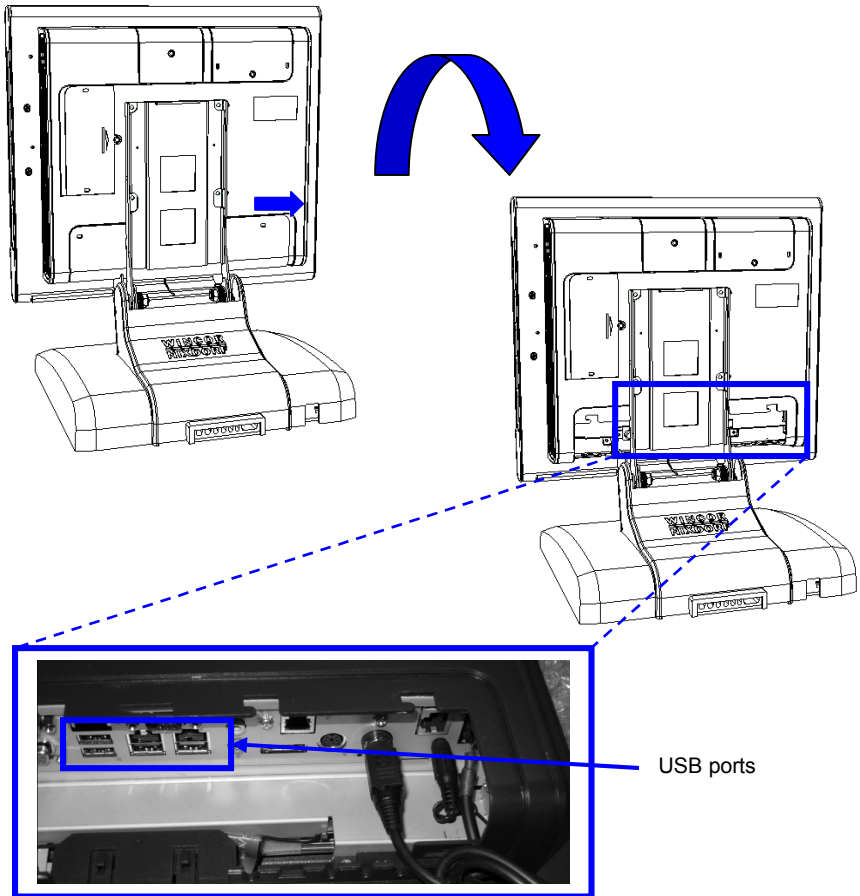
iButton assembled



- Secure the iButton controller box onto the desktop stand by tightening the screw as indicated in the picture below (1) , connect the right angle cable in front to the B/Fusion (2) and the cable adaptor at the rear to iButton (3).

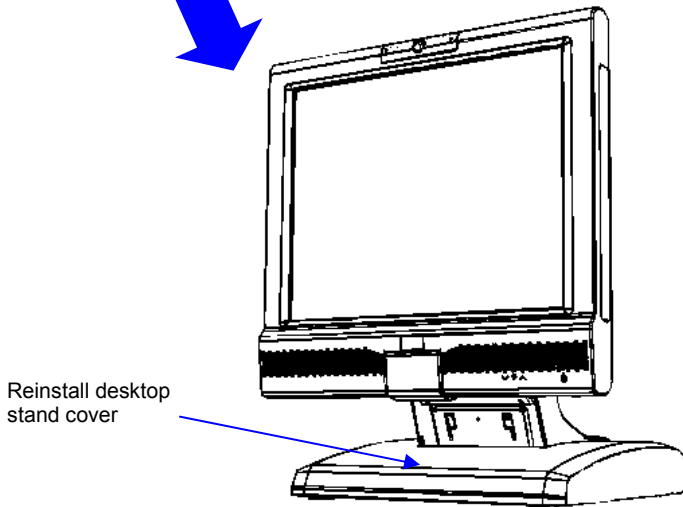
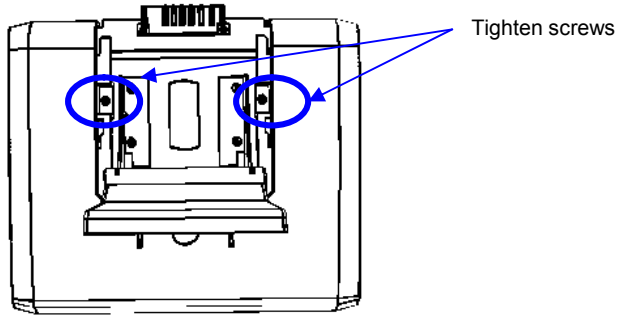


- Connect the other end of the USB cable from iButton controller box to any available USB port on B/Fusion panel. To access to the USB port in B/Fusion, slide open the cable cover so that you may have the visibility of the availability of USB ports (see picture below).

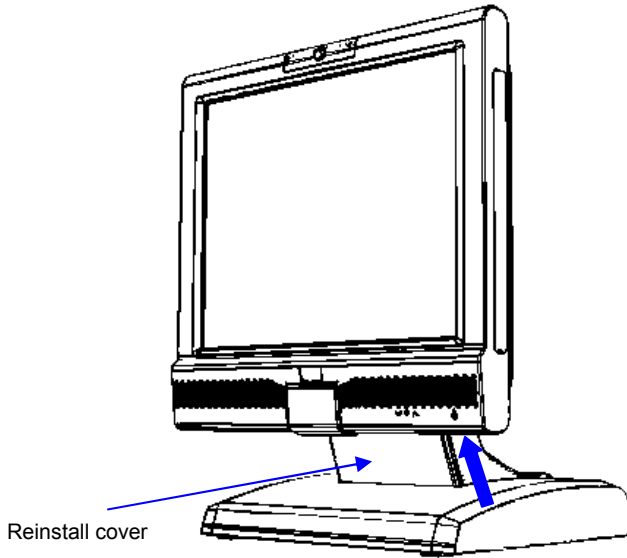


- Re-install the desktop stand cover to the desktop stand by tightening the 2 screws (see picture below).

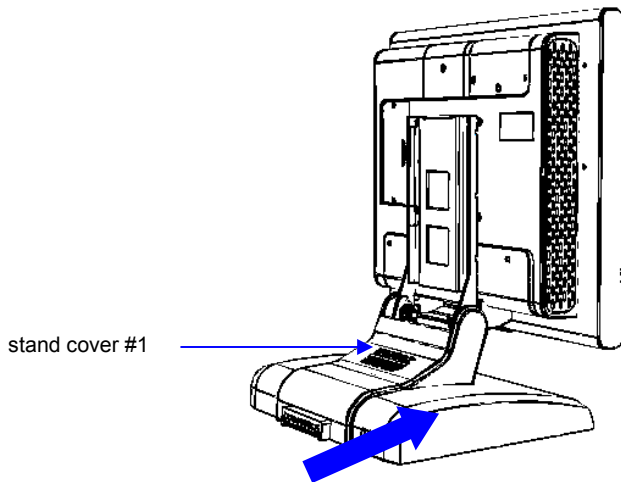
Top-down view for desktop stand



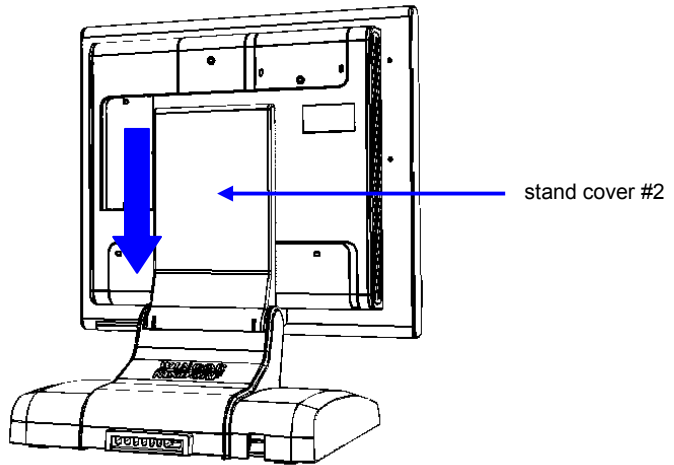
- Insert the cover onto the stand and make sure it snaps in accordingly.



- Re-install the stand cover #1 by pushing it towards the direction parallel to the base. (see picture below)



- Re-install the stand cover #2 onto the system by sliding it downward (see picture below).



Drivers

iButton is using USB standard driver and no specific driver required.

The standard USB driver varies:

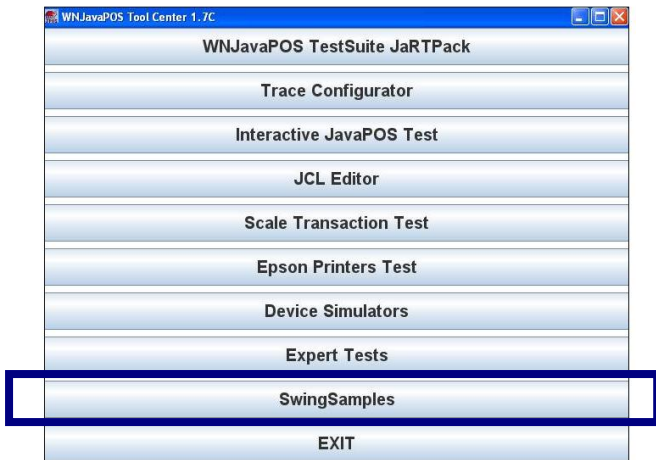
- For Windows, the POSUSB driver is required
- For Linux, wn_genusb driver is required

The required drivers are part of the JavaPOS 1.7c or later version.

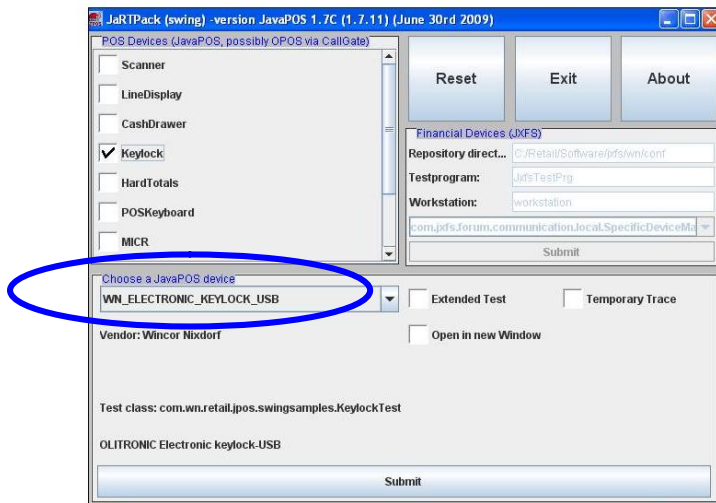
Verify installation and functionality

In order to verify correct installation and ensure functionality using JavaPOS, follows the following steps:

- Install Device Service application for keylock.
- Execute Win JavaPOS Tool Center and select “swingsamples” module (see picture below).



- Select a keylock with the name of “WN_ELECTRONIC_KEYLOCK_USB” and click ‘SUBMIT’ (see picture below).



- Check the test result to verify if the device is working properly (see picture below).

The screenshot shows a JavaPOS test application window titled "TEST: 'WN_ELECTRONIC_KEYLOCK_USB'". The window contains a text area with the following output:

```

Starting test for JavaPOS DEVICE CATEGORY - Keylock, 'WN_ELECTRONIC_KEYLOCK_USB'
----- Open called: -----
DeviceControlDescription : 'Wincor Nixdorf JavaPOS Keylock Device Control from June 6th 2008, (
DeviceControlVersion    : 1010004
State                   : 2
DeviceServiceDescription : 'Wincor Nixdorf JavaPOS Keylock Device Service for USB Electronic Key
DeviceServiceVersion    : 1007003
PhysicalDeviceDescription: 'Electronic Keylock USB OLITRONIC ICS-USB, logicalName=WN_ELECTRONIC_
PhysicalDeviceName      : 'Electronic Keylock USB OLITRONIC ICS-USB'

open() ok.
getCapPowerReporting() ok.
setPowerNotify() ok.
STATUSUPDATE-EVENT: status =2001 (JPOS_SUE_POWER_ONLINE)
setDeviceEnabled() ok.

*** Please turn keylock in the next 5 seconds and check StatusUpdateEvents ***
DIRECTIO-EVENT: Keylock number: 0 0 0 0 0 0, event-no =0, data =0, obj =[I@7808b9
STATUSUPDATE-EVENT: Keylock position: 0, event status: 0, status =0
STATUSUPDATE-EVENT: Olitronic Key Number: 0 0 0 0 0 0, status =0
DIRECTIO-EVENT: Keylock number: 0 0 11 42 e 9a, event-no =0, data =-1, obj =[I@13c468a
STATUSUPDATE-EVENT: Keylock position: 1, event status: 1, status =1
STATUSUPDATE-EVENT: Olitronic Key Number: 0 0 11 42 e 9a, status =1
TEST WAS SUCESSFULLY COMPLETED !!!
    
```

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