

# Datatransfer 3 - User guide

## 1. Introduction

Datatransfer 3 is the default application to transfer data from the FX-Pet II Reader. Among the features this application offers to the user, we might find the following; simultaneous viewing of the ID of the microchip being read while saving the data in an Excel file or in a text document.



The Application includes next sections:

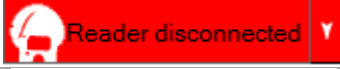
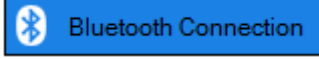

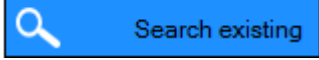
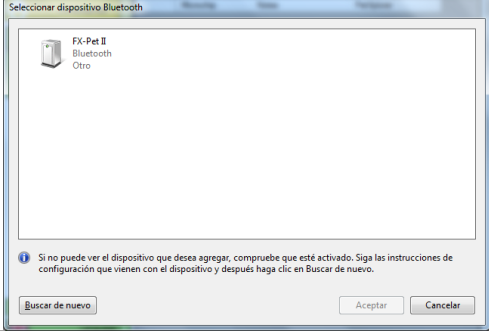
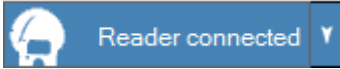
- **Reader Status & Connection:** Shows if the reader is connected and it offers the basic controls to connect and disconnect it.
- **Data received table:** Here you can see all data transferred from the reader. There are four columns, column "Microchip" that stores the ID of the microchip, column "Notes" at your disposal in case you want to add some comment to the microchip and column "Technology" that will show the technology of the microchip; this last column is optional.
- **Data table options:** Buttons to process the information transferred from the reader.
- **Data export:** Options to save the data into other applications.
- **Help/Language Choice.**

## 2. Reader's connection

The FX-Pet II reader can connect with the Datatransfer 3 application via USB or via Bluetooth (this option is available only when the equipment has this option). Please follow the steps below to connect in one way or another.

## 2.1. Bluetooth connection

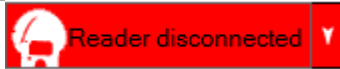

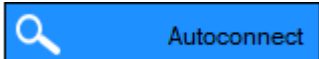
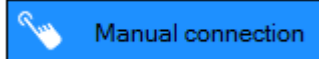

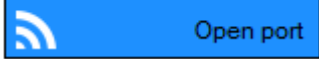
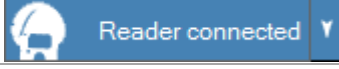
Please follow the steps below to connect using Bluetooth:

1	Click on the button that shows the status of the reader.	
2	Select the option <b>Bluetooth Connection</b> .	
3	Click on the button <b>New connection</b> if this is the first time that you connect the reader to the computer, otherwise you can click on the button <b>Search existing</b> .	 
4	By clicking on the button <b>New connection</b> , the Microsoft Windows® wizard assistant to search available Bluetooth devices will appear. This device may appear under any of the following names: <i>FX-Pet II</i> , <i>RT100-V8</i> or <i>HC-06</i> . Please select the device and click the <b>OK</b> button.	
5	Once the wizard assistant is finished, the application should establish a connection with the reader.	

## 2.2. USB Cable Connection

If you connect the reader by using a USB cable, the application should detect automatically this situation.

In case that the application doesn't detect automatically the reader, you have two options:

1	Click on the reader's status button.	
2	Select the <b>USB Connection</b> option.	
3a	First option: Click on the <b>Autoconnect</b> button, making the application search the reader and try to connect.	
3b	Second option: Click on the <b>Manual connection</b> button and select a different port from the selected port.	
4	Select the communication port and click on <b>Open Port</b> .	 
5	Once any of the options you have chosen is completed, the reader should be connected.	

### 3. Data reception

Once the connection is established with the FX-Pet II reader, the application will be ready to receive data. Data may arrive in two different ways; either data can be transferred for any microchip that you read with the reader connected to the computer or you can transfer all the microchip numbers stored in the reader's memory.

If you choose the first option, to show every Microchip as you read it, you only have to read a microchip and you will see the ID of the microchip in the data table. On the other hand, if you choose to transfer all the microchips from the memory of the reader you should follow the next steps in the reader: scroll up and down with the **Up/Down** buttons until reaching the **Memory** option, select it and then select **Send**, the data will be transferred to the computer and it should appear in the application's data table.

### 4. Options










In the left side of the application's screen you may find some options to apply on the received microchips.

- Show technology: If you choose this option, a new column will appear in the data table showing the information about the microchip technology (FDX-B, HDX...)
- Clear data table: This option deletes the entire data table.
- Search duplicates: If you choose this option all rows with duplicate microchips will be marked in yellow.
- Delete duplicates: This option deletes the rows marked as duplicate.

### 5. Data export

These are the different options to export data:

- Excel file: By using this option, all the data shown in the data table will be sent to an Excel file.
- Text document: Data will be saved to a text document with tab-delimited columns.
- Send data: This option will send all the data in the reader's memory to where the cursor is, for example if you have the cursor in an Excel file, all the data will be transferred to the Excel file. When you choose this option, you have the opportunity to select the initial character for the data, the final character as well as to show a notification in the notification's area.

 Send data ▼	Initial character		Ending character	
	 None	<input checked="" type="checkbox"/>	 None	<input type="checkbox"/>
	 Tab	<input type="checkbox"/>	 Tab	<input type="checkbox"/>
	 Newline	<input type="checkbox"/>	 Newline	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Display notifications	 Other	<input type="checkbox"/>	 Other	<input type="checkbox"/>