



# Upgrading the firmware of the BBUS Interface (H8/3064F)



## Application Note How to install and use RENESAS Flash Development Toolkit



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# Introduction

This application note gives step by step instructions on how to install & use RENESAS Flash Development Toolkit. It is important to look closely at each option when installing. This is also true when using the Toolkit update the firmware of the BBV product.

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# Installing RENESAS Flash Development Toolkit.

## How to install Flash Simple to your laptop:

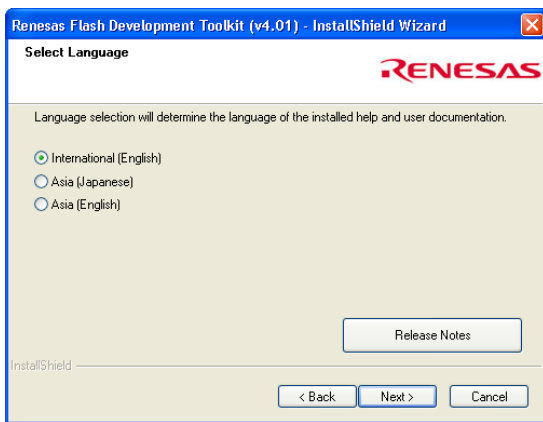
### Step 1

Go to the BBV support website: [www.support.bbvctv.com](http://www.support.bbvctv.com)  
Click 'Software and Utils'  
Click 'New Version of Flash Simple' and save to your desktop  
Double click on 'fdtc401r00' zipped file on your desktop, then double click 'fdtv401r00' file when it opens.



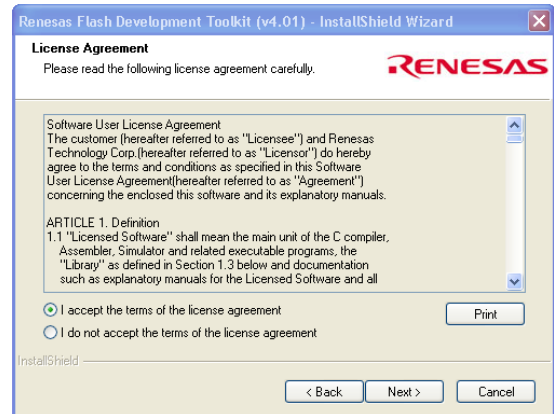
### Step 2 'Select Language'

Click 'Next'  
Then select the language and click 'Next'



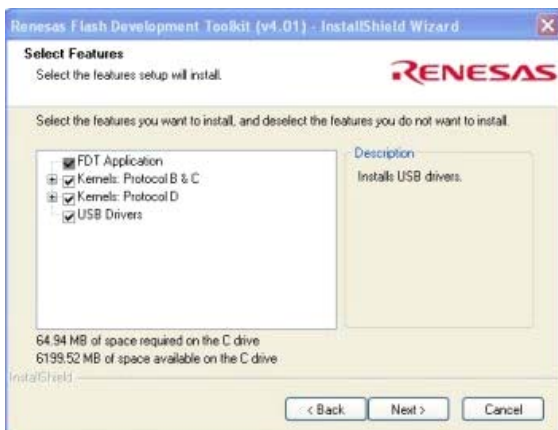
### Step 3 'Licence Agreement'

Read through the Licence Agreement and click on the appropriate box to confirm acceptance of the terms.



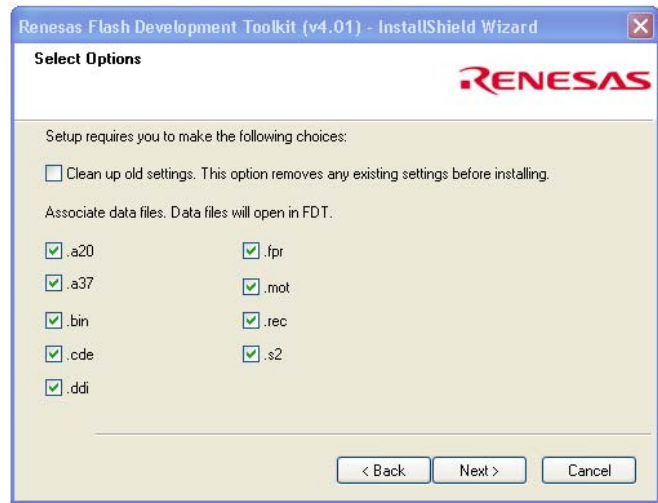
### Step 4 Select Features

All boxes should be ticked.  
Click 'Next'.



### Step 5 Select Options screen

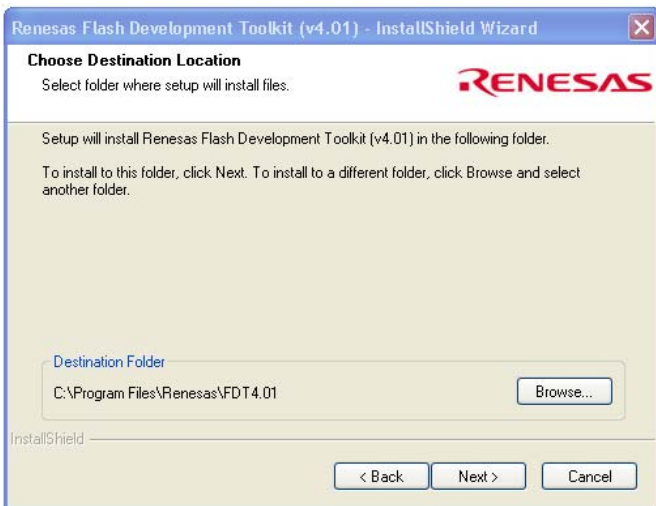
All boxes should be ticked.  
Click 'Next'.



### Step 6 Choose Destination Location

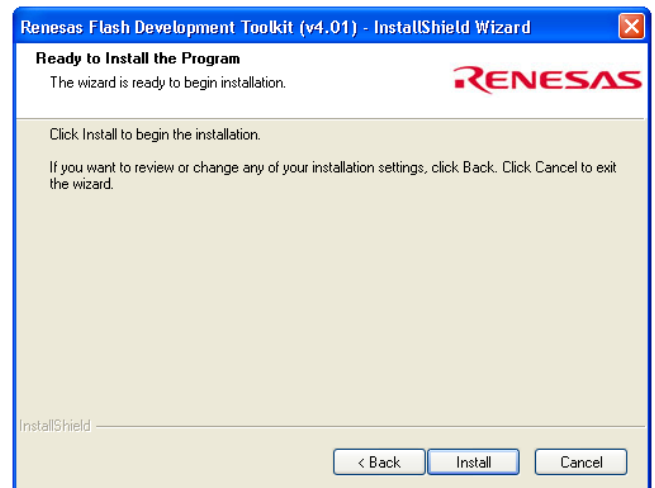
This screen allows you to choose the location of the files. It is recommended they are saved in the default location: C:\Program Files\Renesas\FDT4.01

Click 'Next'



### Step 7 - Ready to install Program

Click 'Install'.



### Step 8 - Successfully Installed.

Once the install is complete you will see this screen. Click 'Finish'.

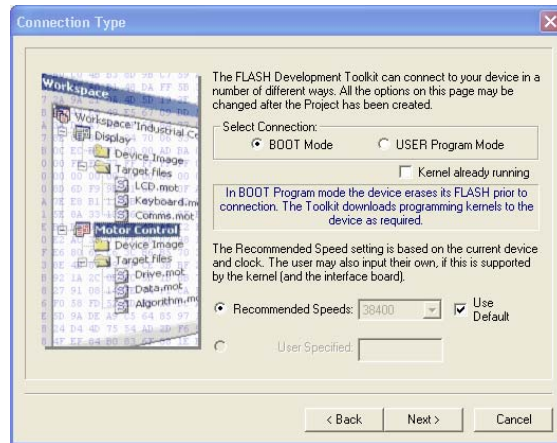
This window will now close.





### Step 13 Connection Type

Click 'Next'



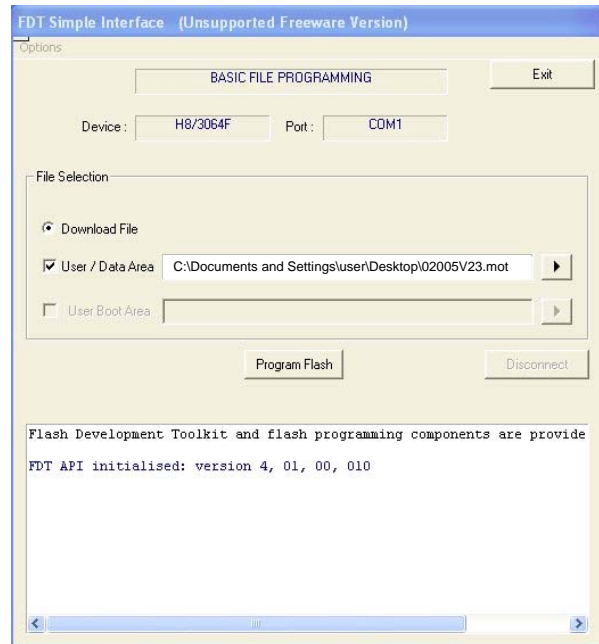
### Step 14 Programming Options

Click 'Finish'. The FDT Simple Interface screen will come up:

# Selection of file to be used & Programming Flash

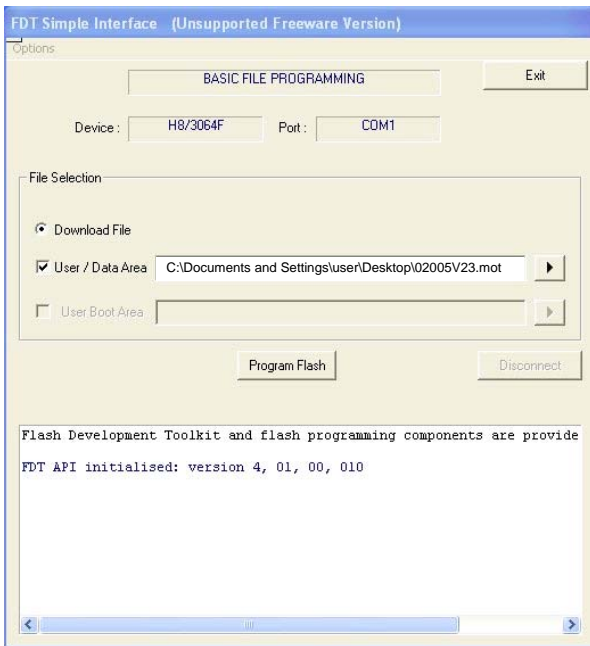
## Step 14 File Selection

Click the 'User/Data Area' box  
Click the arrow  
'Browse' to where the 02005V23.mot  
file is saved.  
This file will either been downloaded  
from the BBV support website or  
would have been sent be BBV  
Support.



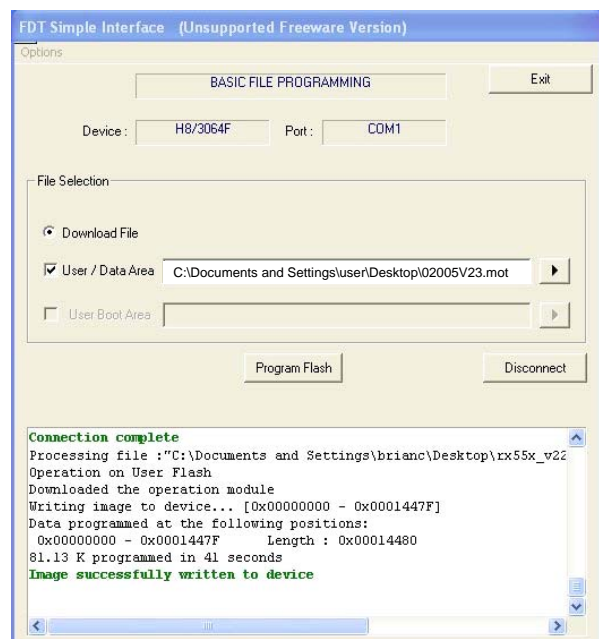
## Step 15 Ready to Program Flash

With the new file selected. It is now time  
to connect up the 121 Converter to the  
RS232 Kit. This must be done with the  
121 Converter powered down. see page  
9. When connected as shown &  
Programming link fitted power the  
Starcard up.  
Then Click 'Program Flash'

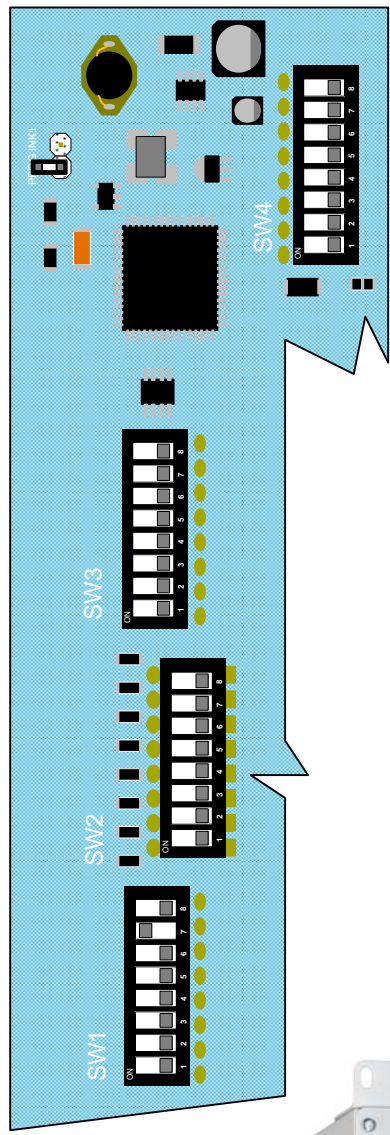


## Step 16 Image successfully written to device

With the new firmware installed, Power down the  
unit and remove the programming link. This BBUS  
Interface is now updated.

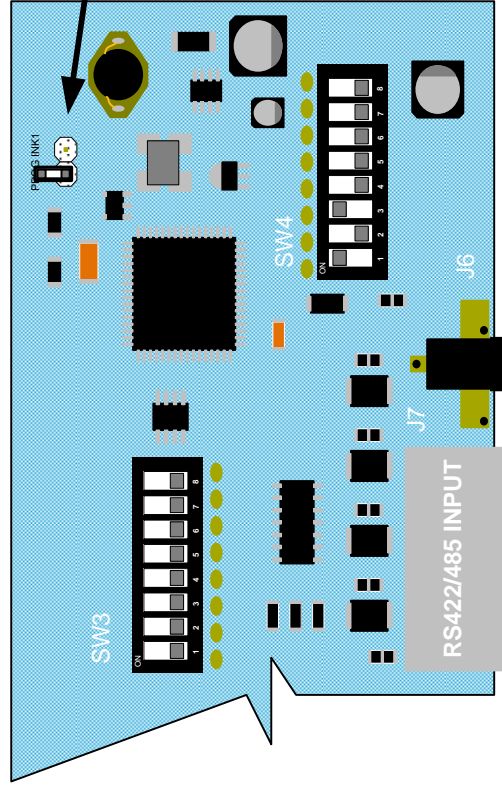


# Connection Information, switch settings & Location of Programming Link

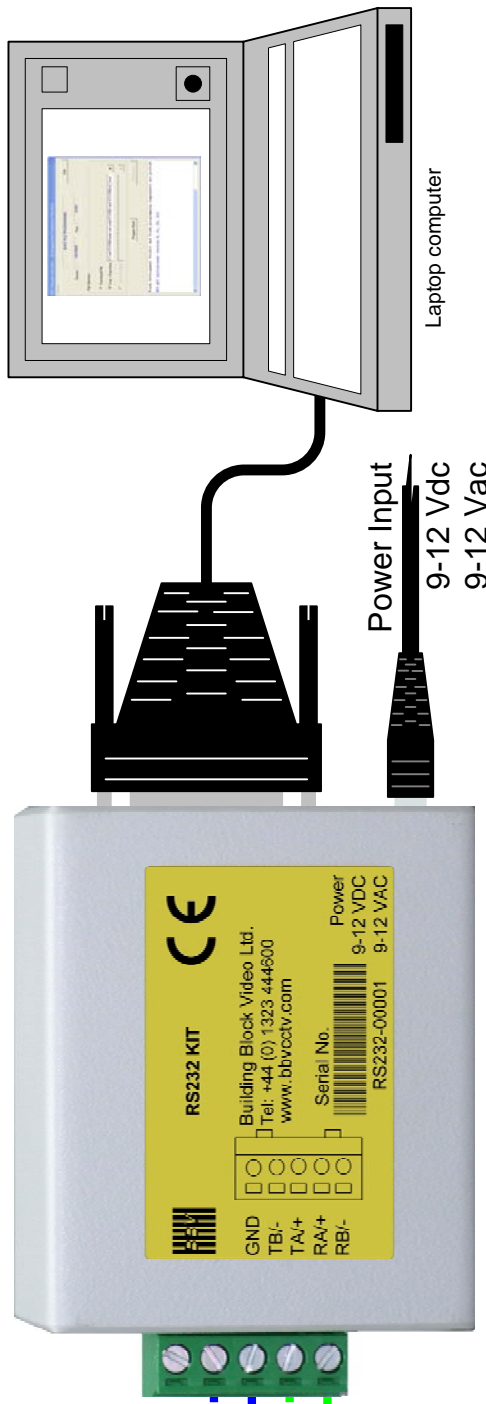
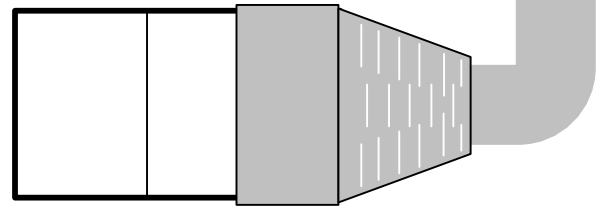


Link 1 closed for programming

Link 1 open for standard operation



USE THE BBUS PORT TO PROGRAM THE BBUS INTERFACE







## Extend your BBV Warranty from 12 months to 3 years


As of the 1st September 2008 BBV have offered our customers the opportunity to extend the standard 12 month warranty to 3 years.

You must register for the extended warranty within 12 months of the date of manufacture.

### How to register for the 3 year warranty

Registering for the new, longer 3 year warranty term is quick and easy. Either:

Complete the warranty application card that comes in the box with your BBV product, and return it FREEPOST to BBV:




### BBV 3 Year Warranty

If this card is returned with the serial number of the product and the installation company details BBV will extend the warranty period from 12 Months to 36 Months.

Number of Units,  Start Serial No.  Final Serial No.

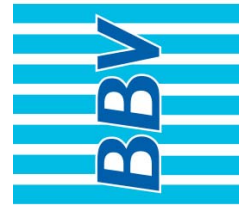
Contact Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Please could you send me information especially on:  
Phone Number: \_\_\_\_\_  
Site Name:  Rx100s  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
Address 3: \_\_\_\_\_  
Post Code: \_\_\_\_\_  
e-mail address: \_\_\_\_\_  
 Rx45x & Rx55x  
 FBM Video Matrices  
 Tx1500 Video Matrices  
 Starcard & Starcard Converters  
 BBV Quad  
 Pick A Point

Do you read:  **PSI MAGAZINE**   
 I do not require any other further product information.

Please refer to [WWW.BBVCCTV.COM](http://WWW.BBVCCTV.COM) for terms, conditions & exclusions  
VAT Reg. No. 621758439 Registered in England No. 2852921 Registered office: 17 Apex Park Dipoodes Way Hailsham East Sussex UK BN27 3JU

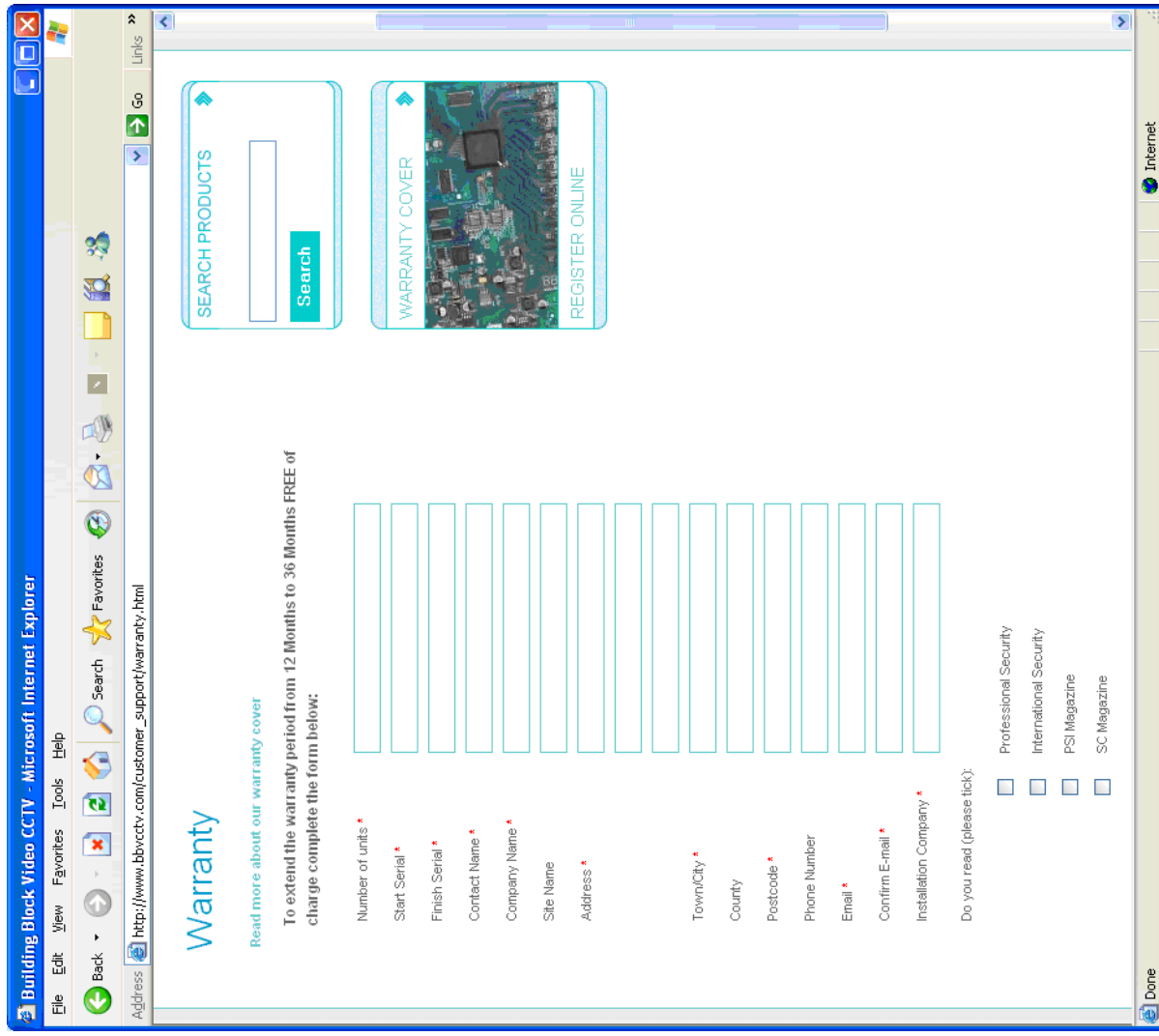
Or Alternatively:

Register online at [www.bbvctv.com](http://www.bbvctv.com)  
Simply enter your details on the 'Warranty Cover' Page



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[www.bbvctv.com](http://www.bbvctv.com)



The screenshot shows a web browser window with the address [http://www.bbvctv.com/customer\\_support/warranty.html](http://www.bbvctv.com/customer_support/warranty.html). The page title is "Warranty". It features a navigation bar with "SEARCH PRODUCTS" and "WARRANTY COVER" buttons. The main content area contains a form for registration with fields for: Number of units, Start Serial, Finish Serial, Contact Name, Company Name, Site Name, Address, Town/City, County, Postcode, Phone Number, Email, Confirm E-mail, and Installation Company. There are also checkboxes for "Professional Security", "International Security", "PSI Magazine", and "SC Magazine". A "SEARCH" button is visible in the top right corner of the page.