SPARK D-FUSER » v25 Controller Only Notes

If you already had a 1T-C2-750 processor and bought the controller by itself, you will need these instructions as well as the main v25 Software and Setup document.
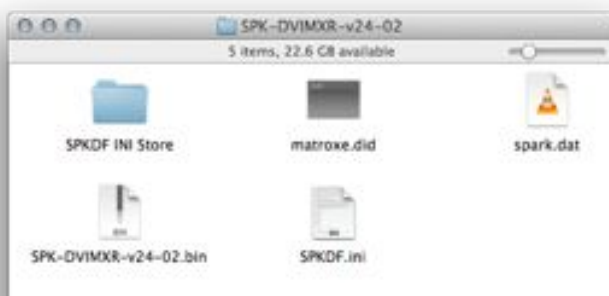

Question

Do you have a Windows PC with RS232 socket? The RS232 can be either built-in on via a USB adapter.

If YES - you will install v415 of the TVOne Firmware, and use the v415 controller configuration file. Do the 'PC' steps in the following pages before returning here.

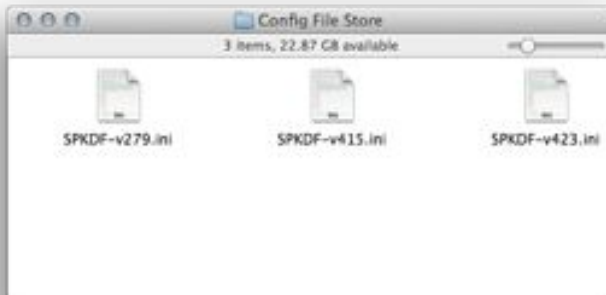If NO - you will use the v279 controller configuration file.

Follow main document until step 5

As the processors have different lists of resolutions, we need to update the controller configuration file to reflect what is on your processor. The v25 download includes settings files for the three versions of 1T-C2-750 firmware out there, they are in the 'SPKDF INI Store' folder.

Config File Store
3 items, 22.87 GB available

SPKDF-v279.ini   SPKDF-v415.ini   SPKDF-v423.ini
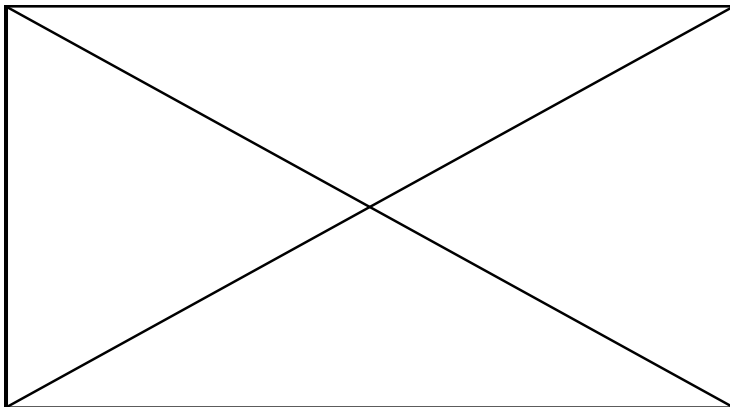
Replace SPKDF.ini with vXXX version

On the MBED drive, you need to replace the SPKDF.ini file with the appropriate .ini file from the store folder. Duplicate the file, rename to 'SPKDF.ini', and then move it to the root of the MBED drive, and accept the prompt to overwrite the existing file.
Use v279 for stock units.
Use v415 if you've followed the PC update instructions.

Continue with main instructions.

You're back in with step 6: disconnect and close.

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SPARK D-FUSER » **PC Installation of Extra Resolutions**

v415 Firmware plus TripleHead resolutions

PC 1 Download v415 TVOne firmware

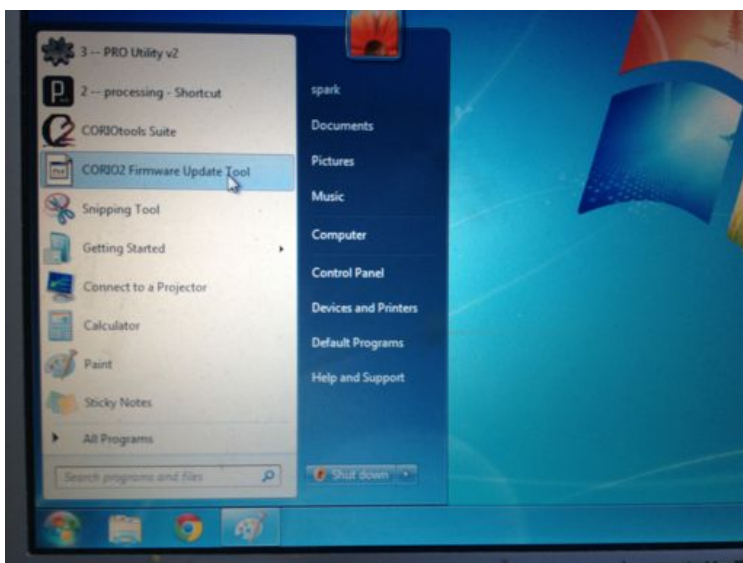Download the firmware installer program from the TV One website. The v415 firmware has better EDID functionality than the stock firmware.

Page:

http://tvone.crmdesk.com/answer.aspx?aid=398

Direct Link:

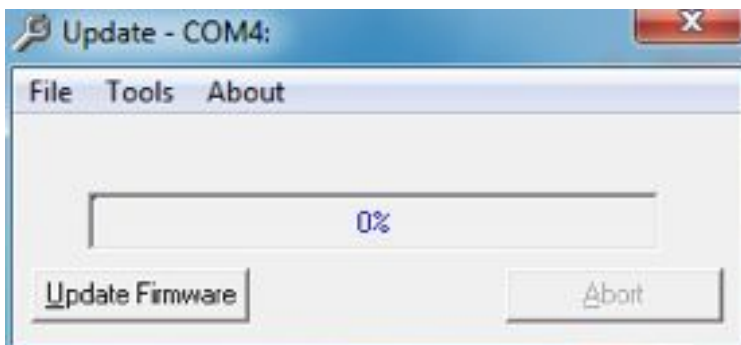http://tvone.crmdesk.com/image.aspx?mode=file&id=10273

PC 2 Setup PC for Firmware load

Run the installer you just downloaded. Connect your processor to the Windows PC.

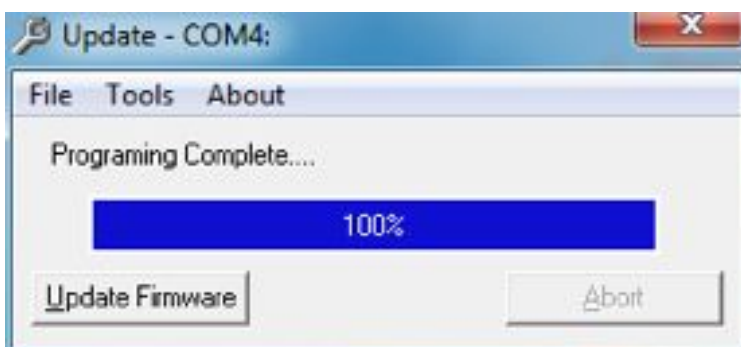-> Start Menu

-> CORIO2 Firmware Update Tool

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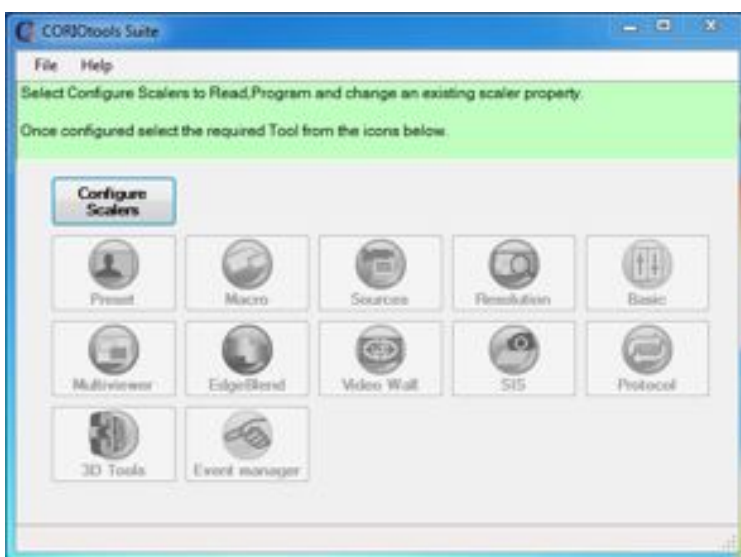

PC 3 Setup PC for Firmware load

You may need to set the correct COM port, use the Tools menu of the Update Tool to do so.

PC 4 Load custom firmware

-> Update Firmware
This likely take around five minutes on a PC with a native RS232 port. Using a USB-RS232 adapter, it can take much more - ie. 20 minutes.

PC 5 Setup PC to load resolutions

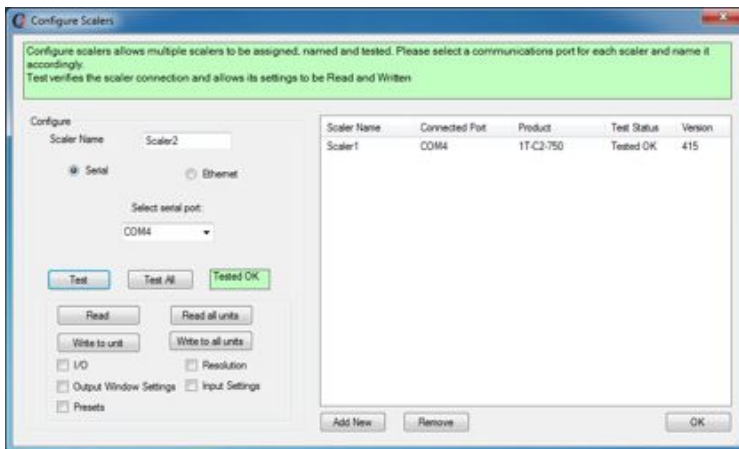Ensure the firmware updater is closed. Download and install TV One's CORIOTools.

http://tvone.crmdesk.com/answer.aspx?aid=8785

Once installed
-> Start Menu -> CORIOTools Suite
-> Configure Scalers

PC 6 Detect processor

-> Test

-> (Should find the scaler)

-> OK

PC 7 Detected OK

The buttons will no longer be greyed out.

PC 8 Load SPKDF Settings
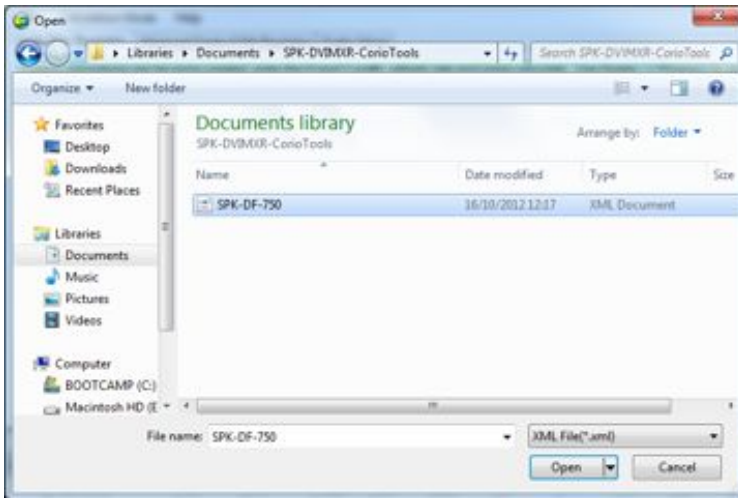
Download and extract the settings file for CorioTools with extra resolutions.

http://files.sparkav.co.uk/SPK-DF-750.xml.zip

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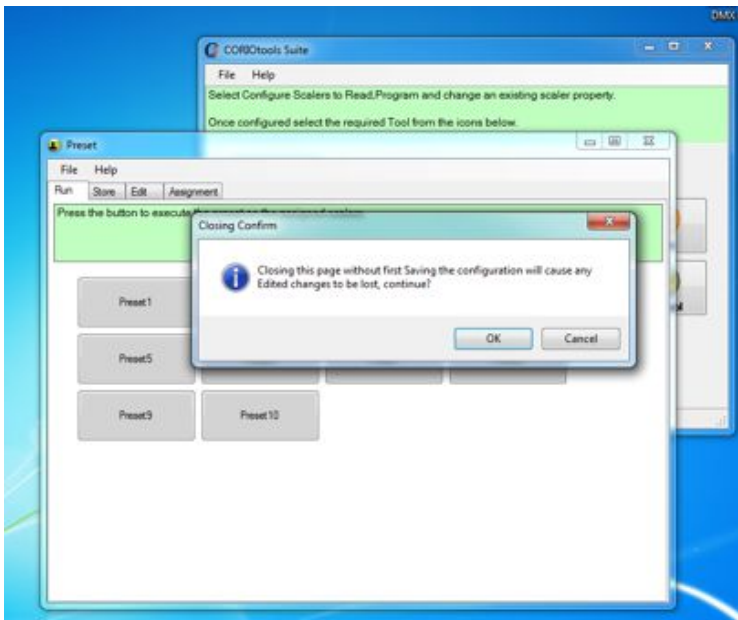
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PC 9 Load SPKDF Settings

Back in CorioTools

-> FIle Menu

-> Load

-> Select the downloaded file

PC 10 Get back to main CorioTools screen

Close the new windows that open –

hitting OK if prompted – so all that is left

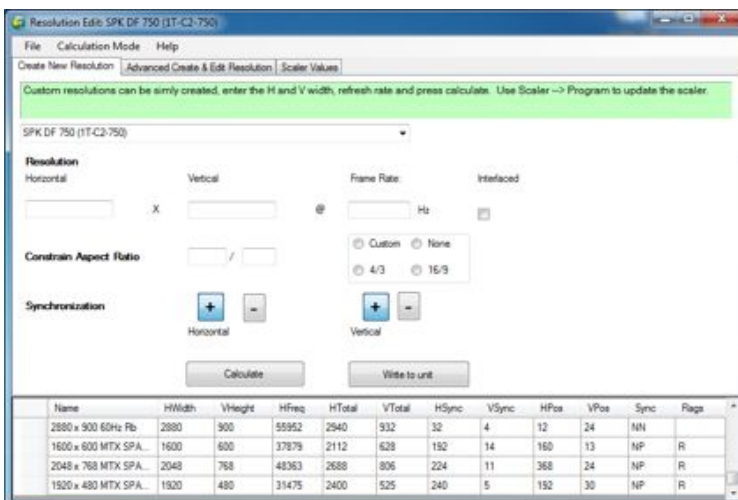is the original CorioTools window with the

grid of coloured buttons.

PC 11 Open Resolutions Window
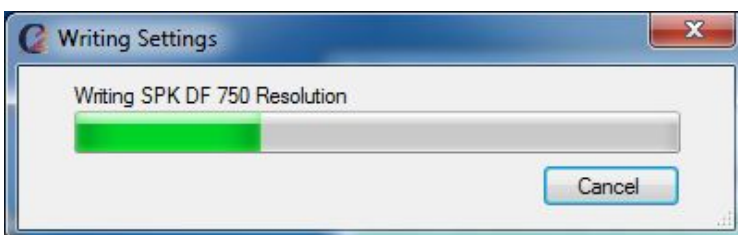
-> Resolutions

PC 12 Write resolutions to processor

Scroll to the bottom of the resolution list.
The last three entries should end with
'MTX SPARK'.
-> Write to unit

PC 13 Writing, Done

Once the progress bar is finished, we're
done on the PC.