

## Firmware Upgrade Utility Tutorial

Please use the following steps to update the firmware for FR-320, FX-350, UDACT-300A, DTC-300A and the FA-300. connector is located at the right corner of the main board.

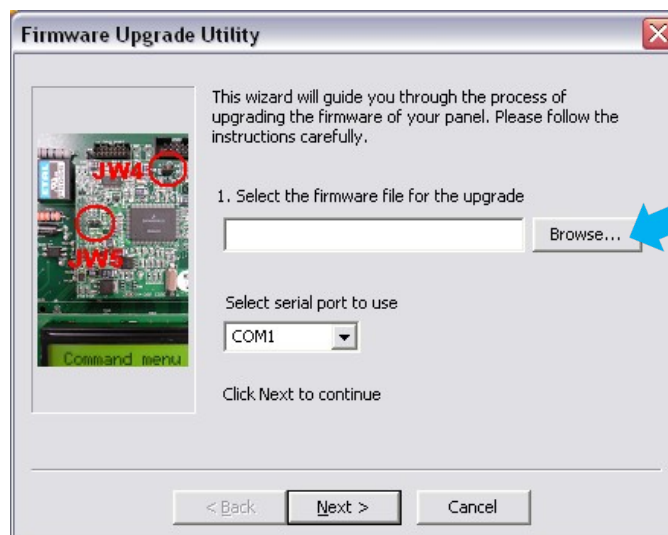
1. Connect the “**UIMA**” or “**UIMA4**” Interface Cable to the main board connector “**P7**” for FR-320, “**P5**” for FX-350, “**P2**” for UDACT-300A or DTC-300A and the FA-300. connector is located at the right corner of the main board.



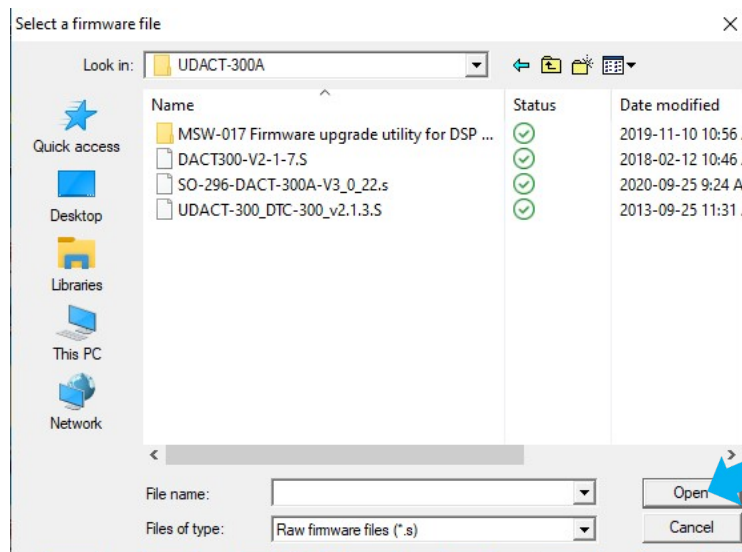
2. Double click “**Firmware Upgrade Utility**” Icon located on the Desktop



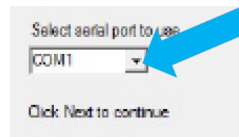
3. Click the “**Browse...**” button to locate the firmware file.



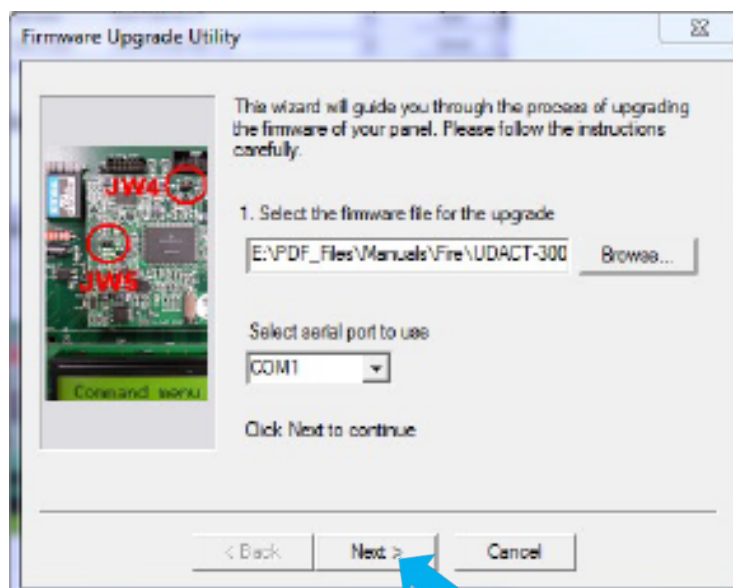
4. Select appropriate firmware, then click **“Open”**



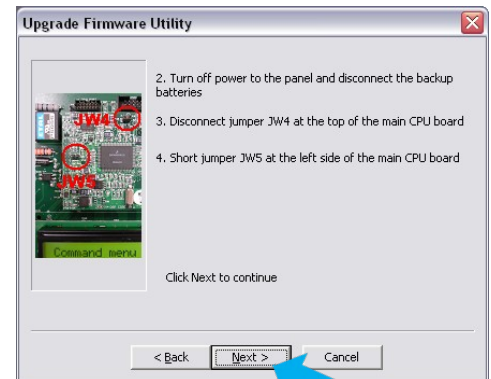
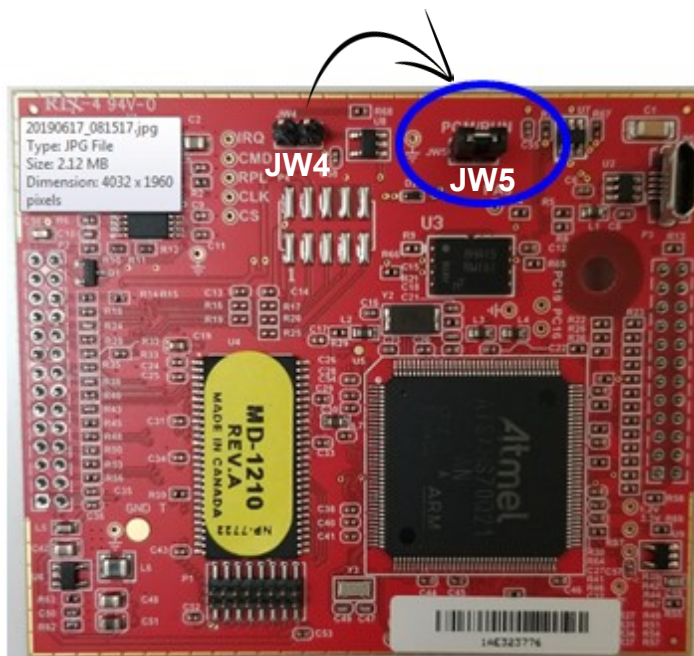
5. Select appropriate **"Com Port"**



6. Click **“Next”**



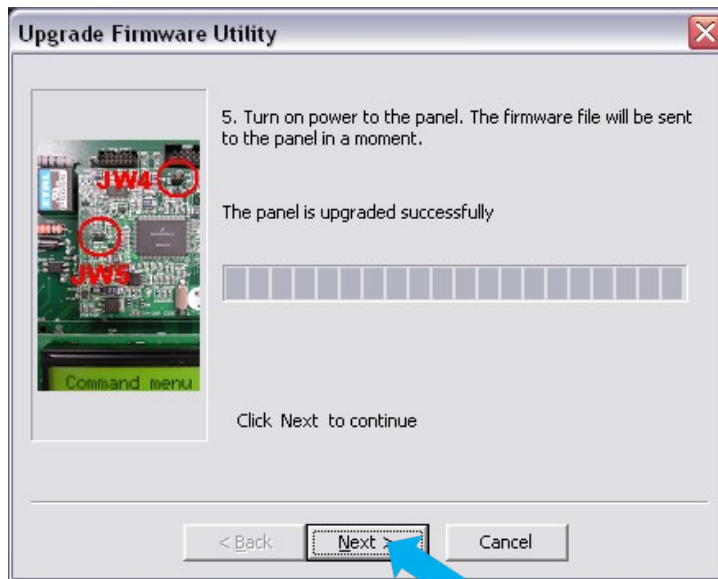
7. For the new “Red Core” board, remove jumper “JW4” and place it on “JW5”, then click “Next” to continue. For the “Green Core” board, use the firmware utility window.



8. Wait for the upgrade to complete



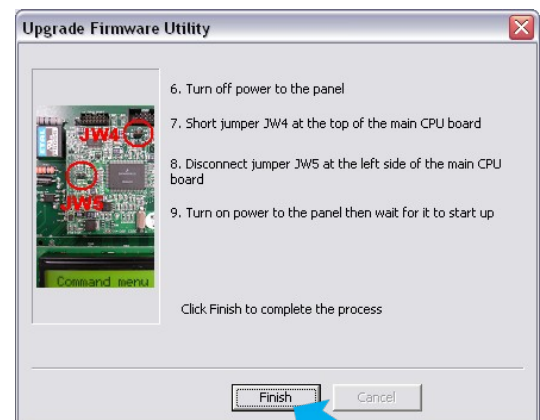
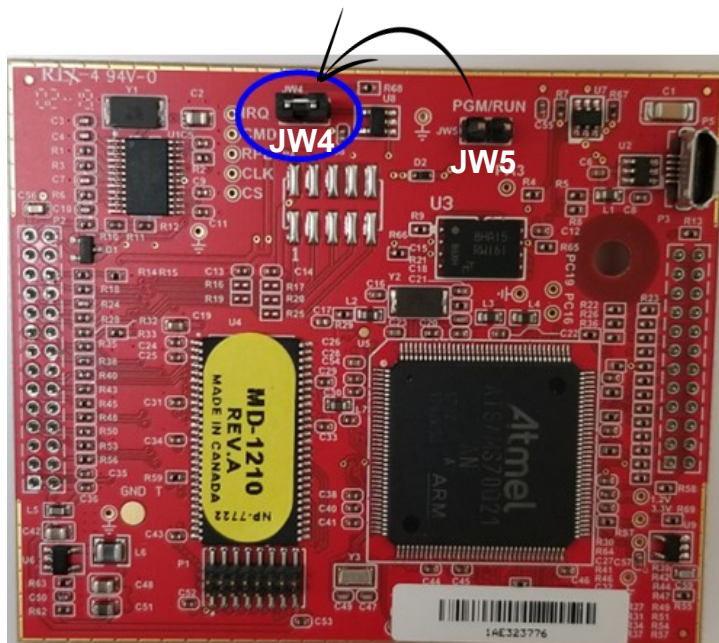
9. Once the upgrade is completed, click **“Next”** to continue.



10. Follow the above instructions for the **“Green Core Board”**, then click **“Finish”** to complete the process.

11. For the new **“Red Core”** board, remove jumper **“JW5”** and place it back to **“JW4”**, then click **“Finish”** to complete the process

12. Remove the **“UIMA”** or **“UIMA4”** interface cable from the main board connector.



End