



## FrameLink Express Release Notes – 07/21/2009

- Updated Application program to version 1.2.0.78 ( from version 1.0.0.64 ).
- Updated Library/SDK to version 3.0.0.49 ( from 3.0.0.42 ).
- Updated Driver to version 1.2.0.178 ( from 1.0.9.154 ).
- Updated Firmware to version 0.1.0.12 ( from 0.1.0.9 ).
- Added support for Windows 64 bit XP and Vista operating systems.
- Added a comprehensive set of CAM files to support cameras from leading camera vendors ( i.e. Basler, Adimec, JAI/Pulnix, etc. ).
- Added support for Microsoft DirectShow, MathWorks MATLAB, NI LabView, MVTech HALCON and Matrox MIL.

<b>Software – 1.2.0.78</b>		<b>Changes from Software – 0.1.1.0</b>	
<b>Appl</b>	<b>1.2.0.78</b>	<b>Appl</b>	<b>1.0.0.64</b>
<b>Lib/SDK</b>	<b>3.0.0.49</b>	<b>Lib/SDK</b>	<b>3.0.0.42</b>
<b>Drv</b>	<b>1.2.0.178</b>	<b>Drv</b>	<b>1.0.9.154</b>
1	Appl	Added password protection to Card Tester dialog.	
2	Appl	Fixed behavior of RGB24 and RGB30 radio buttons in Camera Parameters dialog.	
3	Appl	Changes default camera file opening to 'CAMFiles' folder in Camera Parameters dialog.	
4	Appl	Fix tap reconstruction preview in Camera Parameters dialog.	
5	Appl	Fixed animation for Tap Reconstruction of '2 tap, R->L Interleaved' in Camera Parameters dialog.	
6	Appl	Fix pulse period and granularity fields so that they cannot be zero in CC Pulse Generator dialog.	
7	Appl	Added 'unity' button to RGB Gain Control dialog.	
8	Appl	Fixed BAUD rate settings not being saved/loaded from CAM file in Terminal dialog.	
9	Appl	Fixed AVI file saving.	
10	SDK	RGB conversion fixed	
11	SDK	Fixed UART timeout handling and documentation.	
12	SDK	Support backward compatibility with FrameLink application ( i.e. FLeX card, driver and library work with FL application ).	
13	SDK	Support forward compatibility with FrameLink card ( i.e. FL card and driver work with FLeX SDK/application ).	
14	SDK	Fix RAW data unpacking and tap reconstruction bugs.	
15	SDK	Made CAM file more readable by adding more formatting.	
16	Drv	DMA Buffer request cancellation fixed	
17	Drv	New DMA Buffers management implemented	
18	Drv	Safely Remove for Vista fixed	
19	Drv	Digital Signature added to Vista driver	

<b>Firmware – 0.1.0.12</b>	<b>Changes from version 0.1.0.9</b>
1	Fixed problem where UART baud rate change took too long causing potential character loss following a BAUD rate change.
2	Fixed problem where the number of “clocks/line” reported in the Auto-Learn dialog would periodically report zero if the camera provides some lines with an LVAL of zero length during the frame.
3	Fixed the Remote Upgrade function to recover from an aborted programming cycle.