

Bitflow Frame Grabber Product Matrix

There are many BitFlow Frame Grabbers to choose from, but choosing the right one for your application is easy. The most important deciding factor is the output format of the camera you are using. Beyond that, the main choices are bus format, bus bandwidth requirements, and operating system. The table below makes it easy to choose the right product.

In the table below, the columns have the following meanings:

Product - Command name of the frame grabber.

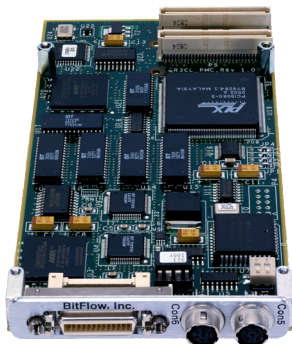
Model - Product model number.

Interface - Type of camera to which this board interfaces. If multiple camera types are supported, this will be the “biggest”. For example, a framegrabber that can accept a Full Camera Link camera, can also accept Base and Medium CL cameras.

Max Cams - The maximum number of cameras that this board can acquire simultaneously.

Bus - The computer bus that this board plugs into.

64-bit OS - A “Yes” means that the board is supported under 64-bit operating systems.



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Product	Model	Interface	Max Cams	Bus	64-bit OS
Alta-AN1	ALT-PCE-AN1	Analog	1	PCIe x4	Yes
Alta-AN4	ALT-PCE-AN4	Analog	4	PCIe x4	Yes
Karbon 2D	KBN-PCE-CL2-D	Camera Link	2 Base	PCIe x8	Yes
Karbon 2F	KBN-PCE-CL2-F	Camera Link	1 Full	PCIe x8	Yes
Karbon 2F 10-Tap	KBN-PCE-CL2-F-IP4	Camera Link	1 Full 10-Tap	PCIe x8	Yes
Karbon 4D	KBN-PCE-CL4-D	Camera Link	4 Base	PCIe x8	Yes
Karbon 4F	KBN-PCE-CL4-F	Camera Link	2 Full	PCIe x8	Yes
Karbon 4F 10-Tap	KBN-PCE-CL4-F-IP4	Camera Link	2 Full 10-Tap	PCIe x8	Yes
Neon-CLB	NEO-PCE-CLB	Camera Link PoCL	1 Base	PCIe x4	Yes
Neon-CLD	NEO-PCE-CLD	Camera Link PoCL	2 Base	PCIe x4	Yes
R64e	R64-PCE-CL-D	Camera Link	Dual Base	PCIe x8	Yes
R64e	R64-PCE-CL-D-IP2	Camera Link	Dual Base Bayer	PCIe x8	Yes
R64e	R64-PCE-CL-F	Camera Link	1 Full	PCIe x8	Yes
R64e	R64-PCE-CL-F-IP2	Camera Link	1 Full Bayer	PCIe x8	Yes
R64	R64-PCI-CL-D	Camera Link	Dual Base	PCI 64-Bit/66 MHz	Yes
R64	R64-PCI-CL-D-IP2	Camera Link	Dual Base Bayer	PCI 64-Bit/66 MHz	Yes
R64	R64-PCI-CL-F	Camera Link	1 Full	PCI 64-Bit/66 MHz	Yes
R64	R64-PCI-CL-F-IP2	Camera Link	1 Full Bayer	PCI 64-Bit/66 MHz	Yes
R3-CL13	R3-PCI-CL13	Camera Link	1-Channel Base	PCI 32-Bit/33 MHz	
R3-CL23	R3-PCI-CL23	Camera Link	2-Channel Base	PCI 32-Bit/33 MHz	
R3-CL-PMC	R3-PMC-CL23	Camera Link	2-Channel Base	PMC 32-Bit/33 MHz	
R3-DIF	R3-PCI-DIF	LVDS	32-Bit, 2-Channel	PCI 32-Bit/33 MHz	
Road Runner 11	RUN-PCI-11	RS422	8-Bit, 1-Channel	PCI 32-Bit/33 MHz	
Road Runner 11M	RUN-PCI-11-M	LVDS	8-Bit, 1-Channel	PCI 32-Bit/33 MHz	
Road Runner 12	RUN-PCI-12	RS422	16-Bit, 1-Channel	PCI 32-Bit/33 MHz	
Road Runner 12M	RUN-PCI-12-M	LVDS	16-Bit, 1-Channel	PCI 32-Bit/33 MHz	
Road Runner 14	RUN-PCI-14	RS422	32-Bit, 1-Channel	PCI 32-Bit/33 MHz	
Road Runner 14M	RUN-PCI-14-M	LVDS	32-Bit, 1-Channel	PCI 32-Bit/33 MHz	
Road Runner 24	RUN-PCI-24	RS422	32-Bit, 2-Channel	PCI 32-Bit/33 MHz	
Road Runner 24M	RUN-PCI-24-M	LVDS	32-Bit, 2-Channel	PCI 32-Bit/33 MHz	
Road Runner 44	RUN-PCI-44	RS422	32-Bit, 4-Channel	PCI 32-Bit/33 MHz	
Road Runner 44M	RUN-PCI-44-M	LVDS	32-Bit, 4-Channel	PCI 32-Bit/33 MHz	