

BITFLOW



CoaXPress (CXP)

Video is captured at speeds of up to 6.25 Gb/S. Control commands and triggers can be sent simultaneously to the camera at rates up to 20 Mb/S.

Up to 13 W of power can also be supplied to the camera.

Multiple CXP links can be aggregated to support higher data rates (four links provide 25 Gb/S of data).



AON CXP

One single link CXP-6 camera



CYTON CXP2

One dual link CXP-6 camera,
Two single link CXP-6 cameras



CYTON CXP4

One quad link CXP-6 camera,
Two dual link CXP-6 cameras,
Four single link CXP-6 cameras



CLAXON CXP1

One single link CXP-12 camera



CLAXON CXP2

One dual link CXP-12 camera,
Two single link CXP-12 cameras



CLAXON CXP4

One quad link CXP-12 camera,
Two dual link CXP-12 cameras,
Four single link CXP-12 cameras



AXION 1XB

One CL Base Camera



AXION 2XB

Two CL Base Cameras



AXION 4XB

Three/Four CL Base Cameras



AXION 1XE

One CL Med/Full/80-bit Camera



AXION 2XE

Two CL Med/Full/80-bit Cameras



NEON CLB / CLD / CLQ

One Base / Two Base / Four Base

Camera Link (CL)

The Camera Link standard was introduced in 2000 consisting of three data transfer speeds, Base, Medium and Full.

CL Base is a single cable solution offering up to 255 MB/S. CL Medium is a dual cable solution offering up to 510 MB/S. CL Full is a dual cable solution offering up to 680 MB/S.

A fourth standard, CL 80-bit which is a dual cable solution offering up to 850 MB/S.

Differential

Designed for the OEM customer looking for the performance of the PCI Express bus, a differential interface, and one of the lowest price points in the industry. It has replaced the camera link front end with a 32-bit differential interface.



Neon -DIF

Two CL Med/Full/80-bit Cameras

BitBox

A new solution for high density I/O applications. This includes controlling devices completely from the frame grabber and uses the same API, driver, and manuals as the frame grabber. This saves time, money, and space. It is also straightforward and easy to use.



BITBOX

36 inputs, 36 outputs
12 TTL inputs, 12 TTL outputs
12 differential inputs and outputs

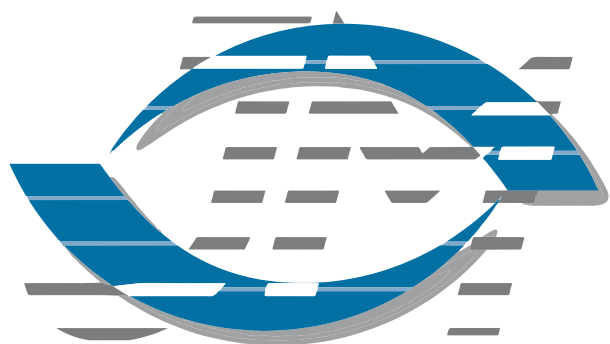


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