



Frame Grabber With CoaXPRESS Interface



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Frame Grabber With CoaXPRESS Interface

Our frame grabbers with CoaXPRESS interface differ in onboard memory, topology model, image interface, protocol supported and other parameters. Please check the details and find the one you need.

Feature

- Support CoaXPRESS camera power, controlling and triggering
- Monochrome, Bayer, color cameras supporting line scan and area scan
- Compatible with GenCam standard and GenTL standard
- Support Windows 10/7 (64-Bit/32-Bit), Linux 64-Bit, Mac OS
- SDK development library supporting C, C++, C#
- GUI configuration tool
- Flexible IO: 2 photoelectric isolation input, 1 shaft encoder input, 2 photoelectric isolation output
- Fan speed automatically adjusts based on FPGA temperature for optimized thermal and noise performance

Frame Grabber Type

ST-CXP6

- PCIe Gen3x4
- Support 1-4 channel CXP topological connection
- Compliant with CoaXPRESS 1.1/1.1.1
- Support four-channel PoCXP, single-channel 24V/13W
- Support 1.25/2.5/3.125/5/6.25G high-speed link
- Onboard 2GB image cache
- Speed up to 25Gbps, each link up to 6.25Gbps
- DIN 1.0/2.3 interface and 4-way three-color LED status indicator



ST-CXP6

ST-CXP6-8

- PCIe Gen3x8
- Support Two groups of 1-4 CXP arbitrary topology connections
- Compliant with CoaXPress 1.1/1.1.1
- Support eight-channel PoCXP, single-channel 24V/13W
- Support 1.25/2.5/3.125/5/6.25G high-speed link
- Onboard 4GB image cache
- Speed up to 50Gbps,each link up to 6.25Gbps
- DIN1.0/2.3 interface and 8-way three-color LED status indicator



ST-CXP6-8

ST-CXP12

- PCIe Gen3x8
- Support 1-4 channel CXP topological connection
- Compliant with CoaXPress 2.0/2.1
- Support four-channel PoCXP, single-channel 24V/13W
- Support 1.25/2.5/3.125/5/6.25/10/12.5G high-speed link
- Onboard 4GB image cache
- Speeds up to 50Gbps,each link up to 12.5Gbps
- Micro BNC interface and 4-way three-color LED status indicator



ST-CXP12

