

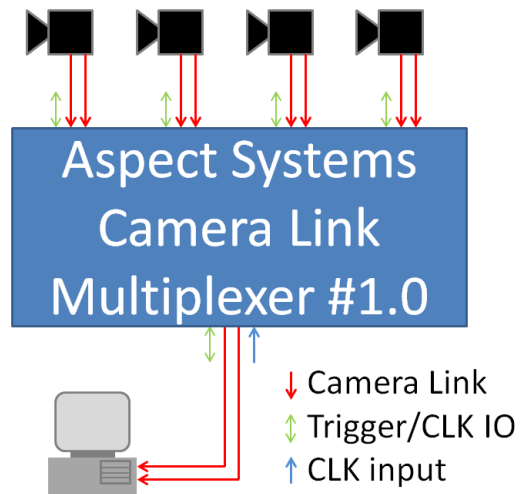
idMUX - Camera Link Multiplexer

Description

The Aspect Systems Camera Link Multiplexer #1.0 connects up to four Camera Link devices to one Camera Link frame grabber via standard Camera Link cables. It supports base, medium and full configurations. The device is fully configurable through the Camera Link RS-232 interface. There are 4 bidirectional trigger connectors at the front side (SMB). One bidirectional trigger connector and one clock input can be found at the back side (BNC). The device is housed in a 19" 1HE enclosure. A wall plug power supply is included.

Features

- Configurable image generator
- Configurable frame merging function
 - Merge several single frames to one big frame
- Input selection:
 - Camera Link RS-232 Interface
 - Auto Mode (input with valid data is selected automatically)
- 4x bidirectional trigger at front side (SMB), 1x bidirectional trigger at back side (BNC)
- 1x Clock input at back side (BNC)
- Status LEDs for incoming Camera Link clocks and selected input
- 19" 1HE housing (ABS - Acrylnitril-Butadien-Styrol) (431.8mm x 203.2mm x 43mm)
- 12V/400mA AC/DC wall plug power supply included



Customer specific Options

- Image calculations inside the FPGA
- 72bit or 80bit Mode
- Configurable trigger options
- Configurable clock generator (clock output via CC or trigger)
- Input selection
 - DIP switches and push buttons at back side (direct selection)
 - Push button at front side (sequential selection)
 - USB Interface