

CLV-411 Camera Link Video Splitter

The CLV-411 Camera Link Video Splitter interfaces one Camera Link camera to up-to four frame grabbers using standard Camera Link cables. This enables the use of multiple frame grabbers for applications requiring parallel or distributed processing, camera sharing, etc. One frame grabber acts as master and provides control and communications to the camera. The remaining frame grabbers receive camera video data only. The *master* frame grabber is selectable and may be dynamically changed for applications requiring camera control sharing.



The CLV-411 incorporates high-speed 85 MHz interfaces and supports the Camera Link *base* configuration. *Medium* configuration applications are supported using two CLV-411s. Multiple CLV-411s may be cascaded for large parallel processing systems.

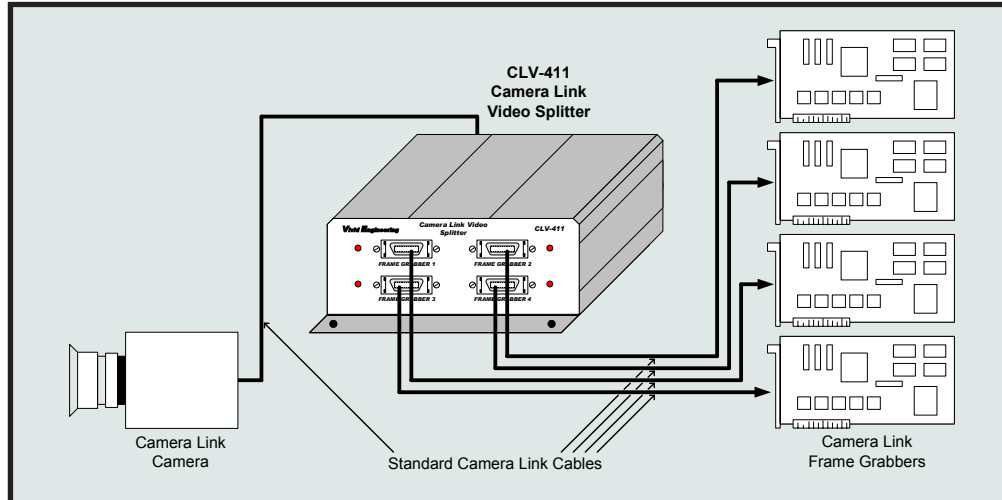
The CLV-411 Camera Link Video Splitter is housed in a sturdy, compact aluminum enclosure.

Features

- Interfaces one camera to up-to four frame grabbers
- Supports parallel or distributed processing, camera sharing, etc
- Uses standard Camera Link cables (not included)
- Supports Camera Link *Base* configuration
- *Medium* configuration support using two CLV-411s
- May be cascaded for large parallel processing systems
- High-speed 85 MHz interface chipset
- Dynamic *master* frame grabber selection via opto-isolated control inputs
- Front panel LEDs identify master frame grabber
- Sturdy, compact aluminum enclosure w/ mounting flange
- Universal power supply included
- 3-year warrantee



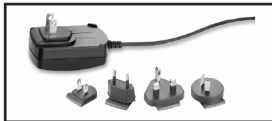
Typical Application



Rear Panel



Power Supply



Specifications

| Feature | Specification |
|----------------------|--|
| Video Interfaces | Camera Link "base" configuration |
| Video Connectors | 26-pin MDR type |
| Camera Frequency | 20-85 MHz |
| Chipset | National Semi. DS90CR287 / DS90CR288A |
| Select Connector | Female 9-pin D-Sub (DB9), opto-isolated inputs |
| Power Supply | Universal wall style w/ US & Europe outlet plugs |
| Power Jack | 2.1 x 5.5 mm, center-positive |
| Power Requirements | 5-7 VDC, 380 mA typical |
| Cabinet Dimensions | 5.28" (L) x 2.08" (H) 6.12" (D) |
| Weight | 20 oz |
| Operating Temp Range | 0 to 50° C |
| Storage Temp Range | -25 to 75° C |
| Relative Humidity | 0 to 90%, non-condensing |
| Compliance | FCC Class A, ROHS, (CE EN55024 pending) |

Ordering Information

| Model | Description |
|-----------|---|
| CLV-411 | Camera Link Video Splitter |
| CLV-411-N | Camera Link Video Splitter (without power supply) |

