

CLV-401 Camera Link Video Splitter

The CLV-401 Camera Link Video Splitter interfaces one Camera Link camera to two frame grabbers using standard Camera Link cables. This enables the use of a second frame grabber for applications requiring parallel or distributed processing, monitoring, etc. One frame grabber acts as master and provides control and communications to the camera. The second frame grabber receives camera video data only.



The CLV-401 supports the Camera Link *base* configuration. The CLV-401 also acts as a repeater, doubling the maximum distance between camera and frame grabber.

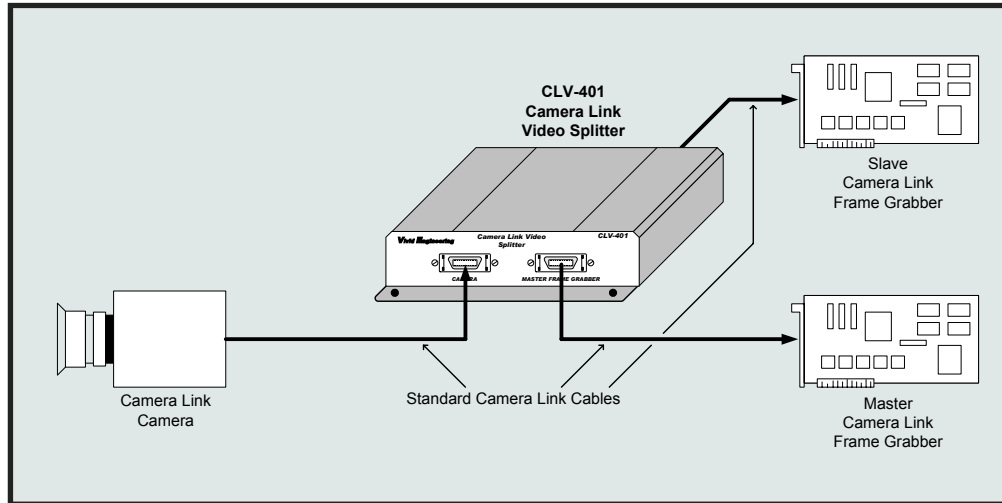
Housed in a sturdy compact aluminum enclosure, the CLV-401 Camera Link Video Splitter is well suited for industrial environments.

Features

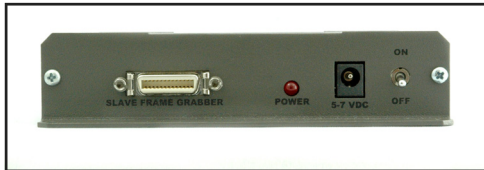
- Interfaces one camera to two frame grabbers
- Second frame grabber can be used for camera setup, processing, monitoring, etc
- Uses standard Camera Link cables (not included)
- Supports Camera Link *Base* configuration
- Also acts as a repeater, doubling max distance between camera and frame grabber
- Sturdy, compact aluminum enclosure w/ mounting flange
- Universal power supply included
- 3-year warrantee



Typical Application



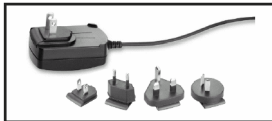
Rear Panel



Specifications

| Feature | Specification |
|----------------------|--|
| Video Interfaces | Camera Link "base" configuration |
| Video Connectors | 26-pin MDR type |
| Camera Frequency | 20-66 MHz |
| Chipset | National Semi. DS90CR285 / DS90CR286A |
| 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, 350 mA typical |
| Cabinet Dimensions | 5.28" (L) x 1.18" (H) 6.12" (D) |
| Weight | 13 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 |

Power Supply



Ordering Information

| Model | Description |
|-----------|---|
| CLV-401 | Camera Link Video Splitter |
| CLV-401-N | Camera Link Video Splitter (without power supply) |



418 Boston Turnpike #104 • Shrewsbury, MA 01545 • USA
 phone 508-842-0165 • fax 508-842-8930
 email info@vividengineering.com
 web www.vividengineering.com

rev 2.0, 3/24/2009