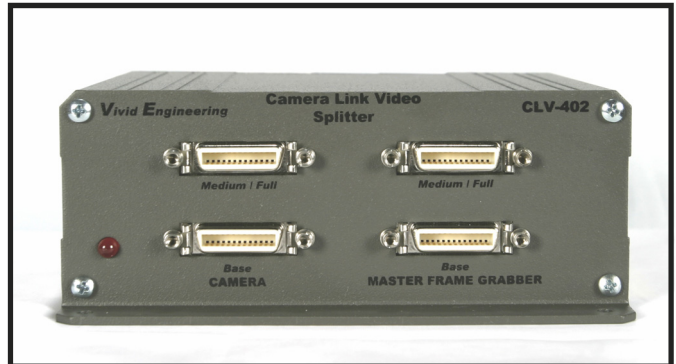


# CLV-402 Camera Link Video Splitter

The CLV-402 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-402 incorporates high-speed 85 MHz interfaces and supports all Camera Link configurations (base, medium, full) including 80-bit extended mode. Multiple CLV-402s may be cascaded to support 4 or 8 frame grabbers. The CLV-402 also acts as a high-speed (85 MHz) repeater, doubling the maximum distance between camera and frame grabber.

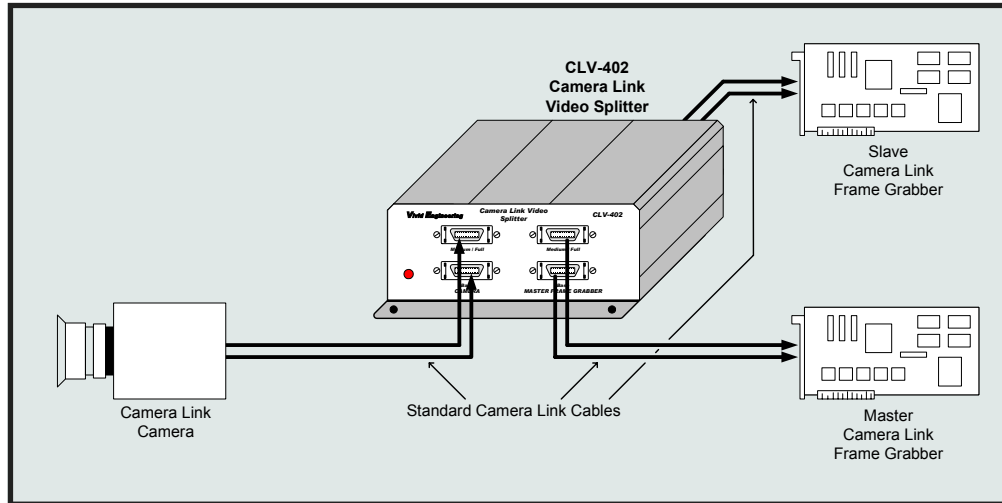
Housed in a sturdy compact aluminum enclosure, the CLV-402 Camera Link Video Splitter is well suited for industrial environments.

## Features

- Interfaces one camera to two frame grabbers
- Second frame grabber can be used for parallel processing, monitoring, etc
- Uses standard Camera Link cables (not included)
- Supports all Camera Link configurations (*base, medium, full*)
- 80-bit extended mode compatible
- High-speed 85 MHz interface chipset
- Also acts as a high-speed (85 MHz) repeater, doubling max distance between camera and frame grabber
- May be cascaded to support 4 or 8 frame grabbers
- Sturdy, compact aluminum enclosure w/ mounting flange
- Universal power supply included
- 3-year warrantee



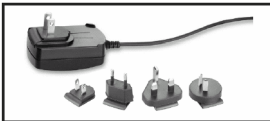
## Typical Application



## Rear Panel



## Power Supply



## Specifications

Feature	Specification
Video Interfaces	Camera Link "full" configuration (includes 80-bit)
Video Connectors	26-pin MDR type
Camera Frequency	20-85 MHz
Chipset	National Semi. DS90CR287 / DS90CR288A
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, 425 mA typical
Cabinet Dimensions	5.28" (L) x 2.08" (H) 5.12" (D)
Weight	18 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-402	Camera Link Video Splitter
CLV-402-N	Camera Link Video Splitter (without power supply)



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