

# CLR-101B Camera Link Repeater

The CLR-101B Camera Link Repeater is a cost-effective approach to increasing separation between camera and frame grabber. One Camera Link cable connects the camera to the repeater, and a second cable connects the repeater to the frame grabber. This solution provides a 20 meter reach between camera and frame grabber using a pair of standard 10m Camera Link cables. Several repeaters and cables may be cascaded to support greater distances.



CLR-101B incorporates high-speed 85MHz interfaces and is compatible with any Camera Link "Base" configuration camera.

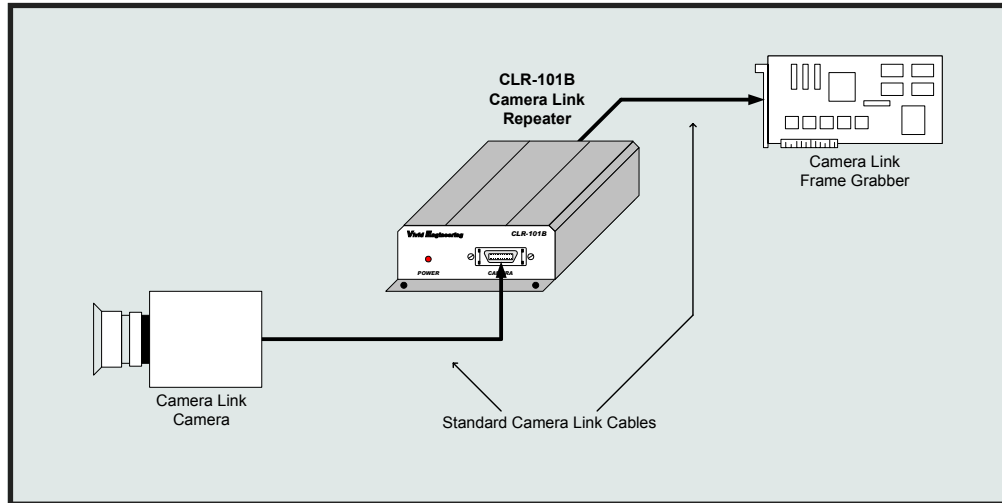
The CLR-101B is housed in sturdy, compact aluminum enclosures and is well suited for industrial environments.

## Features

- Doubles max distance between camera and frame grabber
- Cost-effective solution
- Uses standard Camera Link cables (not included)
- Supports Camera Link *Base* configuration
- High-speed interfaces support camera clock rates up-to 85 MHz
- Several repeaters may be cascaded for greater distances
- Sturdy, compact aluminum enclosure with mounting flange
- Universal power supply with locking connector included
- 3-year warranty



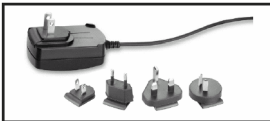
## Typical Application



## Rear View



## 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
Power Supply	Universal wall style w/ US & Europe outlet plugs
Power Plug	3-pin circular locking (Switchcraft TA3FLX)
Power Requirements	5-7 VDC, 150 mA typical
Cabinet Dimensions	3.28" (L) x 1.14" (H) 4.87" (D)
Weight	7 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
CLR-101B	Camera Link Repeater
CLR-101B-N	Camera Link Repeater (without power supply)



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