

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. "Medium" configuration applications are supported using two repeaters in parallel. The CLR-101B is housed in sturdy, compact aluminum enclosures and is well suited for industrial environments.

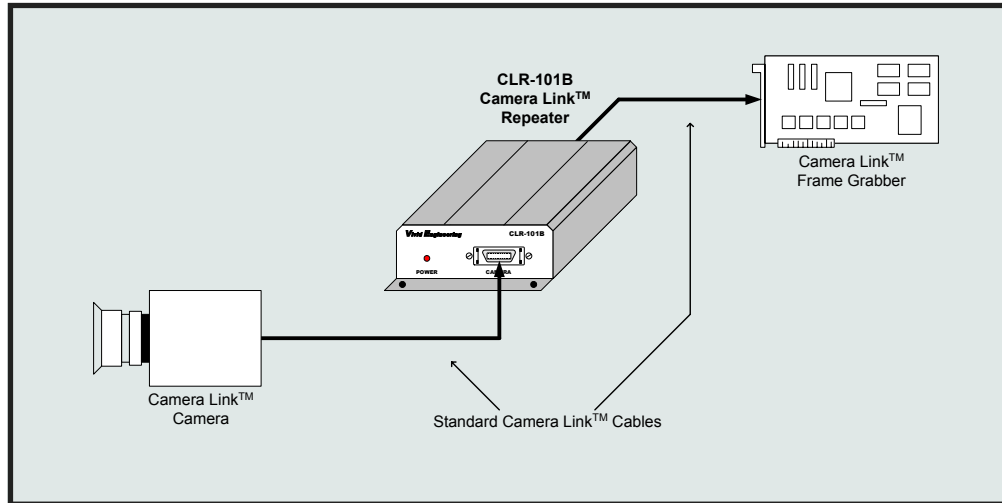


Features

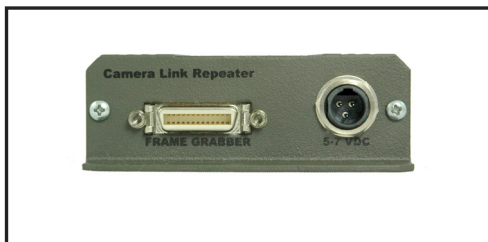
- Doubles max distance between camera and frame grabber
- Uses standard Camera Link cables (not included)
- Supports Camera Link *Base* configuration
- *Medium* configuration support using two repeaters in parallel
- High-speed interfaces support camera clock rates up-to 85 MHz
- Several repeaters may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



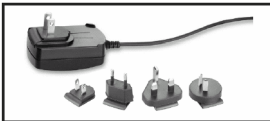
Typical Application



Rear View



Power Supply



Specifications

Feature	Specification
Video Interfaces	Camera Link Spec "base" configuration
Video Connectors	26-pin MDR type
Frequency Range	20 - 85 MHz
Chipset	National Semi. DS90CR287 / DS90CR288A
Power Supply	Int'l wall style w/ US & Europe outlet plugs (optional)
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) (including mounting flange)
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 compliant. CE EN55024 Pending



Ordering Information

Model	Description
CLR-101B	Camera Link Repeater (with international power supply)
CLR-101B-N	Camera Link Repeater (without power supply)



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