

CLR-111A Camera Link Repeater

The CLR-111A Camera Link Repeater is an economical approach for increasing separation between camera and frame grabber. One Camera Link cable pair connects the camera to the repeater, and a second cable pair connects the repeater to the frame grabber. This arrangement provides a 20 meter reach between camera and frame grabber using standard 10m Camera Link cables. Several repeaters and cable sets may be cascaded to support greater distances.



The CLR-111A supports all Camera Link configurations (base, medium, full) with pixel clock rates up-to 85 MHz and front-panel link status LEDs identify an active connection. The CLR-111A also supports 80-bit extended-mode applications.

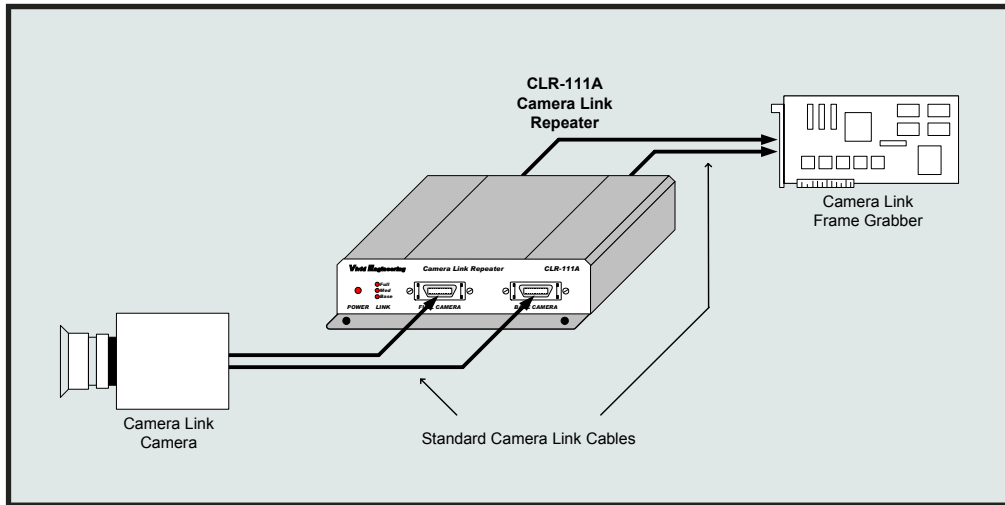
The CLR-111A Camera Link Repeater is housed in a sturdy, compact aluminum enclosure and is well suited for industrial environments.

Features

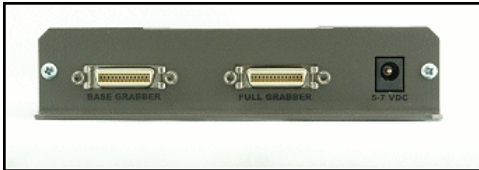
- Doubles max distance between camera and frame grabber
- Uses standard Camera Link cables (not included)
- Supports all Camera Link configurations (*base, medium, full*)
- High-speed 85 MHz interface chipset, works with any camera
- 80-bit extended mode compatible
- Front-panel link status indicators
- Several repeaters may be cascaded for greater distances
- Flow-through connector placement
- Sturdy, compact aluminum enclosure w/ mounting flange
- Universal power supply included
- 3-year warrantee



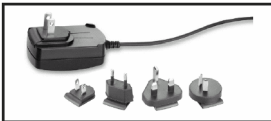
Typical Application



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, 320 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 pending)



Ordering Information

Model	Description
CLR-111A	Camera Link Repeater
CLR-111A-N	Camera Link Repeater (without power supply)