

# CLM-601 Camera Link Multiplexer

The CLM-601 Camera Link Multiplexer interfaces up-to four base configuration Camera Link cameras to one frame grabber using standard Camera Link cables. This capability supports applications requiring the ability to select between multiple cameras. The CLM-601 incorporates high-speed (85 MHz) interfaces and works with any base camera. The CLM-601 provides multiple camera selection methods including rear-panel switch settings, Camera Link interface signals (serial or camera control), and an external RS-232 port.



Medium configuration cameras are supported using two CLM-601s in parallel. Multiple CLM-601s may be cascaded to support more than four cameras.

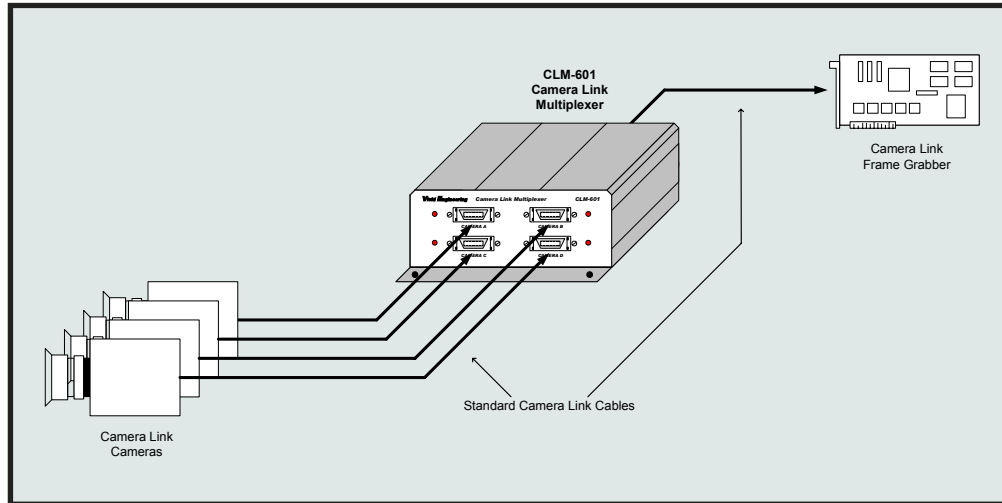
The CLM-601 Camera Link Multiplexer is housed in a sturdy, compact aluminum enclosure and is well suited for industrial and OEM applications

## Features

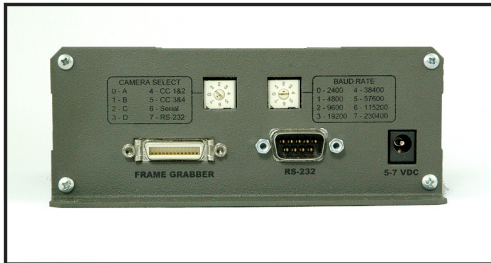
- Interfaces up-to four cameras to one frame grabber
- High-speed (85 MHz) design supports all *base* configuration cameras
- Multiple camera selection methods:
  - ◆ Camera Link interface serial messages
  - ◆ Camera Link interface Camera Control (CC) signals
  - ◆ Standard RS-232 port
  - ◆ Fixed selection via switch settings
- Passes all interface signals (video data, serial comm, camera control)
- May be cascaded to support greater than four cameras
- *Medium* configuration support using two CLM-601s
- LED camera select indicators
- Sturdy, compact aluminum enclosure w/ mounting flange
- Universal power supply and RS-232 cable included
- 3-year warrantee



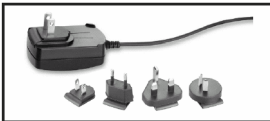
## Typical Application



## Rear Panel



## 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
Serial Port Connector	RS-232, Male 9-pin D-Sub (DB9)
Serial Port Cable	3 meter DB9 female - DB9 female null modem
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, 400 mA typical
Cabinet Dimensions	5.28" (L) x 2.08" (H) 6.12" (D)
Weight	22 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
CLM-601	Camera Link Multiplexer
CLM-601-N	Camera Link Multiplexer (without power supply)

