

CLM-602 Camera Link Multiplexer

The CLM-602 Camera Link Multiplexer interfaces two Camera Link cameras of any configuration (base, medium, full, 80-bit) to one frame grabber. This capability supports applications requiring the ability to select between two cameras. The CLM-602 incorporates high-speed (85 MHz) interfaces and works with any Camera Link camera.



The CLM-602 provides multiple camera selection methods including rear-panel switch settings, Camera Link interface signals (serial or camera control), and an external RS-232 port.

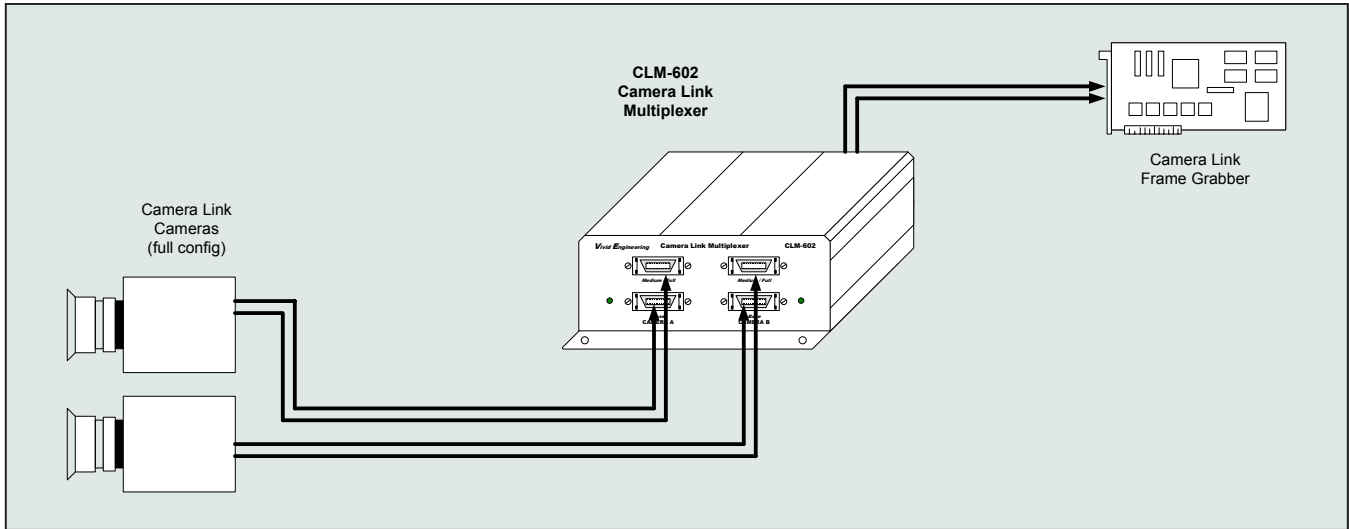
The CLM-602 Camera Link Multiplexer is housed in a sturdy, compact aluminum enclosure.

Features

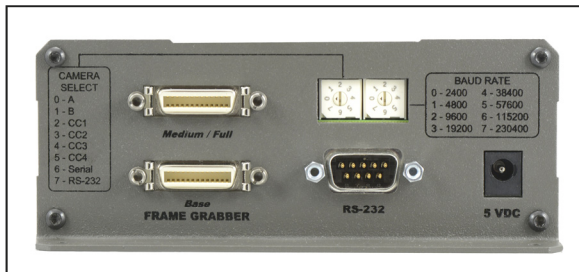
- Electronic “switch” interfaces two cameras to one frame grabber
- Supports all Camera Link configurations (base, medium, full, 80-bit)
- High-speed (85 MHz) design supports all Camera Link cameras
- Minimal data pass-through latency
- Multiple camera selection methods:
 - Camera Link interface serial messages
 - Camera Link interface Camera Control (CC) signals
 - Standard RS-232 port
 - Standard USB port (w/ optional adapter)
 - Fixed selection via switch settings
- LED camera select indicators
- Sturdy, compact aluminum enclosure w/ mounting flange
- Isolated DC power input
- Multi-nation power supply included, locking-plug version optional
- RS-232 cable included
- 3-year warrantee



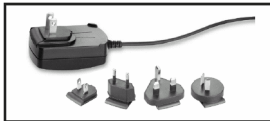
Typical Application



Rear Panel



Power Supply



Specifications

Feature	Specification
Video Interfaces	Camera Link "full" configuration (including 80-bit)
Video Connectors	26-pin MDR type
Camera Frequency	20-85 MHz
Latency	Video path: 3 camera pixel clock cycles Control & communication: 15ns max
Serial Port Interface	RS-232 (or USB with optional adapter)
Serial Port Connector	Male 9-pin D-Sub (DB9)
Serial Port Cable	3 meter DB9 female - DB9 female null modem cable
Power Supply	Universal wall style w/ outlet plug set
Power Plug	2.1 x 5.5 mm, center-positive. Locking style optional
Power Requirements	4.5-9.0 VDC, internally isolated 400 mA @ 5 VDC (typical)
Cabinet Dimensions	5.28" (L) x 2.08" (H) x 6.12" (D)
Weight	20 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-602	Camera Link Multiplexer (with standard power supply)
CLM-602-L	Camera Link Multiplexer (with locking-plug power supply)
CLM-602-N	Camera Link Multiplexer (without power supply)



159 Memorial Dr., Suite F • Shrewsbury, MA 01545 • USA
 phone 508-842-0165 • fax 508-842-8930
 email info@vividengineering.com
 web www.vividengineering.com

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