

CLT-361 Camera Link Translator

The CLT-361 Camera Link Translator enables the use of HD-SDI cameras with Camera Link frame grabbers. The CLT-361 supports 1080p, 1080i, and 720p camera video formats. Camera Link video is output as 24-bit RGB, 30-bit RGB, monochrome, or YCbCr.



CLT-361 features include camera format auto-detection, a built-in test pattern generator, and front-panel video format indicator. The CLT-361 supports Camera Link base and medium configurations.

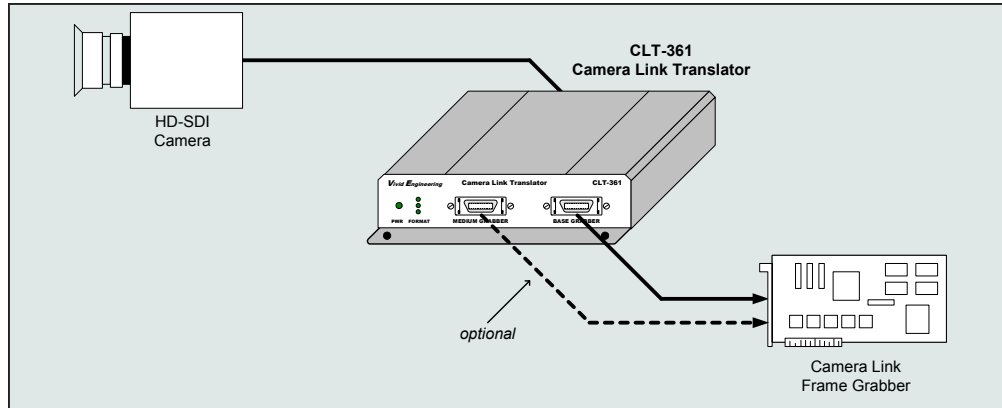
The CLT-361 is housed in a sturdy, compact aluminum enclosure. A locking-plug power supply is optional.

Features

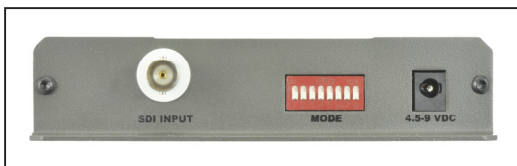
- Enables use of HD-SDI cameras with Camera Link frame grabbers
- SMPTE-259M/292M serial digital input
- 1920x1080 formats: 59.94/60i, 29.97/30p, 23.98/24p, 25p, 50i
- 1280x720 format: 59.94/60p
- Auto-detects camera video format
- Camera Link “base” configuration output: 24-bit RGB, monochrome, or 4:2:2 YCbCr
- Camera Link “medium” configuration output: 30-bit RGB or 4:4:4 YCbCr
- Front-panel video format indicator
- Rear-panel mode selection switch
- Built-in test pattern generator
- Isolated DC power input
- Multi-nation power supply included, locking-plug version optional
- Sturdy, compact aluminum enclosure w/ mounting flange
- 3-year warrantee



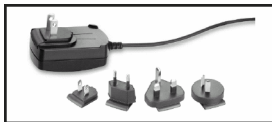
Typical Application



Rear Panel



Power Supply



Specifications

Feature	Specification
Camera Interface	SMPTE-259M/292M serial digital input (HD-SDI)
Camera Connector	BNC (75 ohm)
Camera Formats	- 1920x1080: 59.94/60i, 29.97/30p, 23.98/24p, 25p, 50i - 1280x720: 59.94/60p
Frame Grabber Interface	Camera Link "base" or "medium" configuration
Frame Grabber Conn.	26-pin MDR type
Camera Link Video	- Base Config: 24-bit RGB, 10-bit monochrome, 4:2:2 YCbCr - Medium Config: 30-bit RGB, 4:4:4 YCbCr - Pixel Clock: 74 MHz (approx.) - Color bar and monochrome wedge test patterns
Mode Selection	Rear-panel 8-position DIP switch
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 670mA @ 5 VDC (typical)
Cabinet Dimensions	5.28" (L) x 1.18" (H) x 6.12" (D)
Weight	14 ounces
Operating Temp Range	0 to 50° C
Storage Temp Range	-25 to 75° C
Relative Humidity	0 to 90%, non-condensing

Ordering Information

Model	Description
CLT-361	Camera Link Translator (with standard power supply)
CLT-361-L	Camera Link Translator (with locking-plug power supply)
CLT-361-N	Camera Link Translator (without power supply)