



# NES-FMC-CL

## FMC MEZZANINE CAMERALINK FRAME-GRABBER

### ► HIGHLIGHTS

Dual Base, Quad Base, Medium, Full and Extended Full CL configuration

PoCL (Power over Camera Link) support

Up to 85 MHz data rate

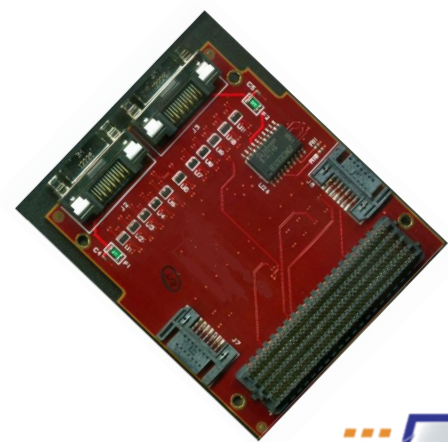
ESD protection for all Camera Link signals

Optional Dual SATA for direct disk interface

LPC (low pin count) and HPC (high pin count)

Commercial and Industrial grades

Video Generator



### RELATED PRODUCTS



# NES-FMC-CL

## FMC MEZZANINE CAMERALINK FRAME-GRABBER

### ► DESCRIPTION

NES-FMC/CL is a Camera Link FMC (FPGA Mezzanine Module) that interfaces to quad BASE, MEDIUM, and dual FULL and Extended FULL Camera Link compatible cameras.

The NES-FMC/CL has a variety of I/O capabilities – 2 x SATA connectors and 4 CL connectors that can also be utilized as a general-purpose I/O.

The table below shows the mode and the support provided by the hardware based on the FPGA card used.

Interface	LPC Carrier	HPC Carrier
Single Base CL	√	√
Dual Base CL	√	
Quad Base CL		√
Single Medium CL	√	√
Dual Medium CL		√
Single Full / Extended Full CL	√	√
Dual Full / Extended Full CL		√
1x SATA-3	√	√
2x SATA-3		√

#### Order Part Number:

- NES-FMC-CL2 2 Cameralink includes an IP Core (with purchase of carrier)
- NES-FMC-CL4 4 Cameralink includes an IP Core (with purchase of carrier)

NES-IPCORE-CL IP core in binary format for supporting NES-FMC-CL interface to the camera is included with the purchase of carrier card. The Source version is also available. Please, contact us for details.

NES-IPCORE-CL IP core in binary format for supporting NES-FMC-CL interface to the camera is included with the purchase of our carrier card. The Source version is also available. Please contact us for details

#### Note

The binaries for the NES-FMC-CL are only included and usable with the purchase of our carrier cards with the NES-FMC-CL module. The binaries can be purchased separately, but we cannot confirm the functionality of these binaries with 3rd party carrier cards. The NES-FMC-CL sources can be purchased if the customer chooses to use a 3rd party carrier card.