SOLIOS EV-CL CAMERA LINK FRAME GRABBER

SOL2MEVCLB
MTX FG PCIe SOL CL X4 256MB

- Frame grabber with available support for 10-taps
- Captures from frame and line scan cameras
- Programmable FPGA (optional)
- PCI Express x4 interface

PRODUCT DESCRIPTION

Matrox Solios eV-CL ushers in a new level of value for Camera Link® frame grabbers. It provides connectivity to the most high-performance, multi-megapixel area and line scan Camera Link® cameras on the market augmented with onboard Bayer interpolation (eV-CLB/CLBL), color space conversions and look-up tables. The Matrox Solios eV-CL provides all these capabilities at the most attractive price point yet.

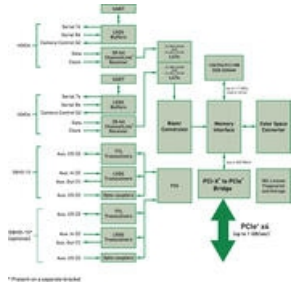
TECHNICAL SPECIFICATIONS

Connectivity (ev-CLB/CLF)	Connectivity (ev-CLBL/CLFL)

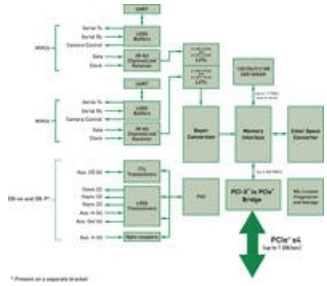
• two(2) mini Camera Link® (HDR) connectors
• one (1) DBHD-15 male connector
  • three (3) TTL configurable auxiliary I/Os
  • two (2) LVDS auxiliary inputs
  • one (1) LVDS auxiliary output
  • two (2) opto-isolated auxiliary inputs
• optional add on DBHD-15 male connector
  • three (3) TTL configurable auxiliary I/Os
  • two (2) LVDS auxiliary inputs
  • one (1) LVDS auxiliary output
  • two (2) opto-isolated auxiliary inputs
• optional add on DB-91 female connector
  • one (1) TTL configurable auxiliary I/O
  • one (1) LVDS auxiliary input
  • two (2) opto-isolated auxiliary inputs
	• two(2) Camera Link® (MDR) connectors
	• one DB-44 and DB-9 connector
	  • six (6) TTL configurable auxiliary I/Os
	  • four (4) LVDS configurable auxiliary inputs
	  • four (4) LVDS configurable auxiliary outputs
	  • separate LVDS pixel clock, hsync and vsync outputs
	  • four (4) opto-isolated configurable auxiliary inputs

BLOCK DIAGRAM

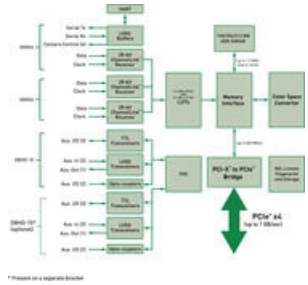
Matrox Solios eV-CLB



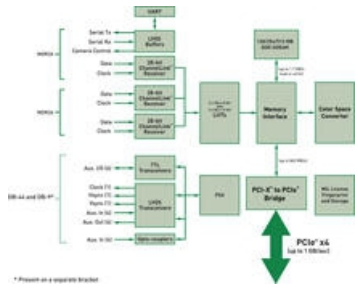
Matrox Solios eV-CLBL



Matrox Solios eV-CLF

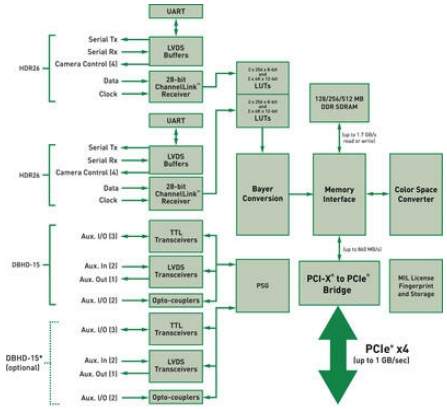


Matrox Solios eV-CLFL



SPECIFICATIONS

Bustyp	PCI Express x4
Memory RAM	256 MB



* Present on a separate bracket