

#### Summary

The **XRM-CLINK-MINI** is an IO Module which provides an industry standard CameraLink interface.

It provides the user with the ability to implement computationally-intensive applications such as frame grabbers, digital video communications and image processing systems in the FPGA when using a compatible camera.

The **XRM-CLINK-MINI** board supports the -FULL and -DB (Dual BASE) CameraLink configuration and is designed to connect to the remote camera via the standard 26-way cableform. When used with the example code, any of the formats specified by the interface configuration may be implemented. Full user control of the standard camera control lines and serial interface are provided.

LEDs under user control can be programmed to act as link status indicators etc as required.

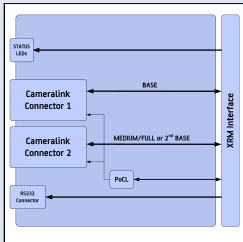
#### Features

##### Applications

- Video Frame Grabber
- Image Processing
- Video Communications

##### Front I/O:

- Full CameraLink interface
- Dual Base CameraLink interfaces





## Specification

Product Name	<b>XRM-CLINK-MINI</b>
Front I/O	<b>Single Channel Cameralink: Dual Channel Cameralink:</b>
Software	Example UCF, HDL files and Application software are provided with the board.
Environmental	<b>Temperature:</b> <b>Air cooled option (AC0):</b> Operating Temperature 0° to +55°C <b>EMC:</b> FCC 47CFR Part 2 EN55022 Equipment Class B <b>RoHS Compliance:</b> All standard products are RoHS compliant. Please contact Alpha Data Sales for details of Tin/Lead build options.

## Ordering Code

		<b>XRM(xver)-CLINK-MINI(type)(p)</b>
XRM Version	xver	blank=Original XRM (FPGA products up to Virtex-5), 2=XRM Version 2 (FPGA products Virtex-6 and later)
Type	type	-FULL = FULL 2 x SDR, -DB = Dual BASE 2 x SDR
PoCL	p	BLANK = No PoCL fitted, /POCL = PoCL Fitted

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