



#### Applications

- Camera Link I/O Interface
- Video Frame Grabber
- Image Processing
- Video Communications

#### Summary

The **XRM2-CLINK-MINI** is an XRM2 I/O Module which provides an industry standard (base/dual/full) 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 **XRM2-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.

#### Deliverables

XRM2-CLINK-MINI Board  
 One Year Warranty  
 One Year Technical Support

#### Board Features

- Single/Dual CameraLink Interface

#### Input/Output Interfaces

**1x Full CameraLink interface**  
**2x Base CameraLink interface**



**Support**

Example UCF, HDL files and Application software are provided with the board.

**Environmental Specification****Temperature Ranges**

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC1	-40°C	70°C	-55°C	100°C

Operating Humidity : Up to 95% (non-condensing)

**EMC Standards**

FCC 47CFR Part 2

EN55022:2010 Equipment ClassB

**Ordering Information****Order Code: XRM2-CLINK-MINI(p)**

Option	Code	Description of Options
PoCL	p	blank= No PoCL fitted, /POCL - PoCL Fitted

Address: 160 Dundee Street, Suite 4A,  
Edinburgh, EH11 1DQ, UK  
Telephone: +44 131 558 2600  
Fax: +44 131 558 2700  
email: [sales@alpha-data.com](mailto:sales@alpha-data.com)  
website: <http://www.alpha-data.com>

Address: 611 Corporate Circle Suite H  
Golden, CO 80401  
Telephone: (303) 954 8768  
Fax: (866) 820 9956 - toll free  
email: [sales@alpha-data.com](mailto:sales@alpha-data.com)  
website: <http://www.alpha-data.com>