# XRM2-CLINK-MINI-RX

### Applications

- Camera Link Interface
- Video Frame Grabber
- Image Processing
- Video Communications

### Board Features

- Cameralink Deserialiser chips

### Summary

The **XRM2-CLINK-MINI-RX** is an I/O Module which provides an industry standard CameraLink interface with cameralink deserialisers on the XRM2.

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-RX** board supports FULL and dual BASE CameraLink configurations 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 BASE 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-RX Board
One Year Warranty
One Year Technical Support

### Board Format

Alpha Data XRM2 I/O Module

### Input/Output Interfaces

1x Single/Dual/Full Cameralink interface

**ALPHA DATA**

**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 |
| AC0 | 0°C | 55°C | -40°C | 85°C |

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

**EMC Standards**

FCC 47CFR Part 2
EN55022:2010 Equipment ClassB

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**Ordering Information**

**Order Code: XRM2-CLINK-MINI-RX**

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