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

Board Features
- Multiple CameraLink Modes

Summary

The FMC-CAMERALINK is an FMC I/O 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 FMC-CAMERALINK board supports 2x Base Cameras, 1x Medium/Full Camera and each option with or without Power over CameraLink (PoCL). Full user control of the standard camera control lines and serial interface are provided.

The FMC-CAMERALINK utilizes a Low Pin Count (LPC) interface, compatible with both LPC and HPC interfaces.

Deliverables
- FMC-CAMERALINK Board
- One Year Warranty
- One Year Technical Support

Input/Output Interfaces
- 2x SDR Connectors - Providing single and dual CameraLink modes
Support
FMC Pinout available in User Manual

Environmental Specification

Temperature Ranges

<table>
<thead>
<tr>
<th>Cooling</th>
<th>Operating Temperatures</th>
<th>Storage Temperatures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option</td>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td>AC0</td>
<td>0°C</td>
<td>55°C</td>
</tr>
</tbody>
</table>

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

EMC Standards
FCC 47CFR Part 2
EN55022:2010 Equipment Class B

Ordering Information

Order Code: FMC-CAMERALINK(p)

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
<th>Description of Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>PoCL</td>
<td>p</td>
<td>blank = NO power supplied over the Camera Link Connection, /POCL = Power Is provided over the Camera Link Connection</td>
</tr>
</tbody>
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