

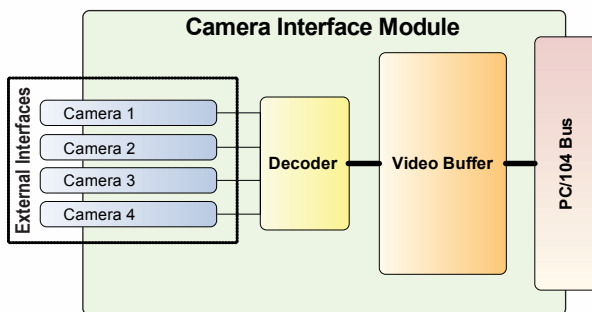
CIM-104: Camera Interface Module

Description

The Camera Interface Module 104 (CIM-104) allows for capture and digitization of analog video to a PC/104 compatible system. It provides an excellent, robust system for interfacing up to 4 cameras to a PC/104 stack. The system is 100% PC/104 compatible, including meeting the PC/104 form factor requirements.

The CIM-104 provides an excellent addition to any PC/104 system requiring capture of video. Some examples of applications include:

- Surveillance video capture and recording to a separate recording device
- Video capture and processing for obstacle recognition
- Video capture of internal environments such as cockpits



Features

- Capture up to 4 external camera video signals
- Compatible with RS-170A (NTSC) video signals
- System can buffer video data
- Seamless video streaming to the VPI USB Shared Memory Modules
- 100% PC/104 compatible
- Compact form factor
- Compatible with VPI Rugged Enclosure System



The Camera Interface Module here is shown integrated into a client application.

Applications

- Military and Commercial Applications
- Rotary and Fixed Wing Aircraft
- Ground Vehicles
- Unmanned Aerial Vehicles (UAV)
- Unmanned Ground Vehicles (UGV)
- Unmanned Marine Vehicles (UMV)

Specifications

- Operating Temperature: -20°C to +60°C
- Storage Temperature: -40°C to +80°C
- Humidity: 5% to 90% RH
- Power: Provided by the PC/104 bus

Contact Information

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