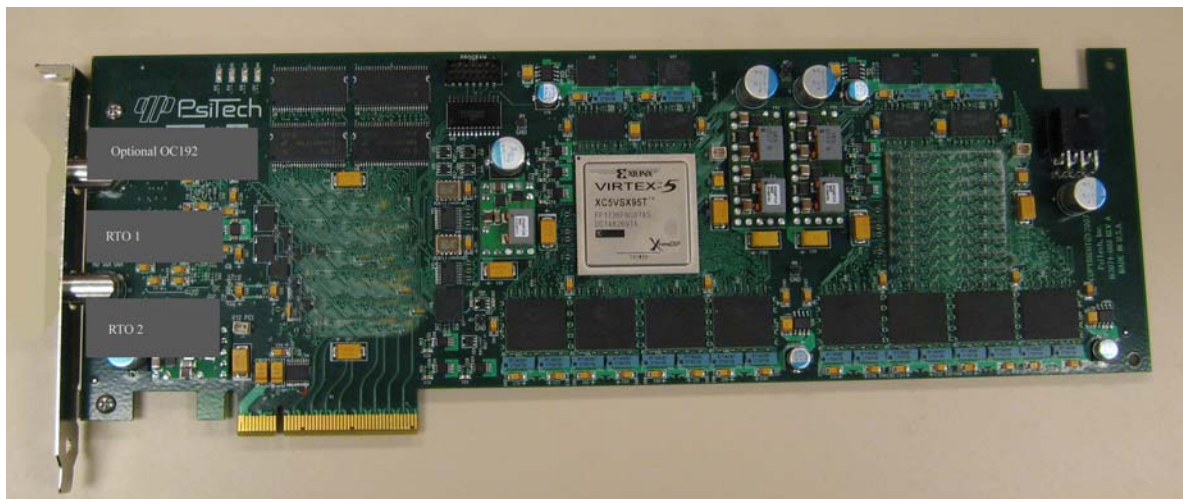


TornadoCard-VR

- VisionResearch RTO Real-time Image Capture**
- Real-time HD Display capability**
- Uncompressed**
- Image Processing Available**



Single Board PCI Express

Options for: V7.3, V10, DS440, CineStream RTO

Options for: 1 or 2 RTO inputs

Options for: conversion to OC192 (single mode fiber)

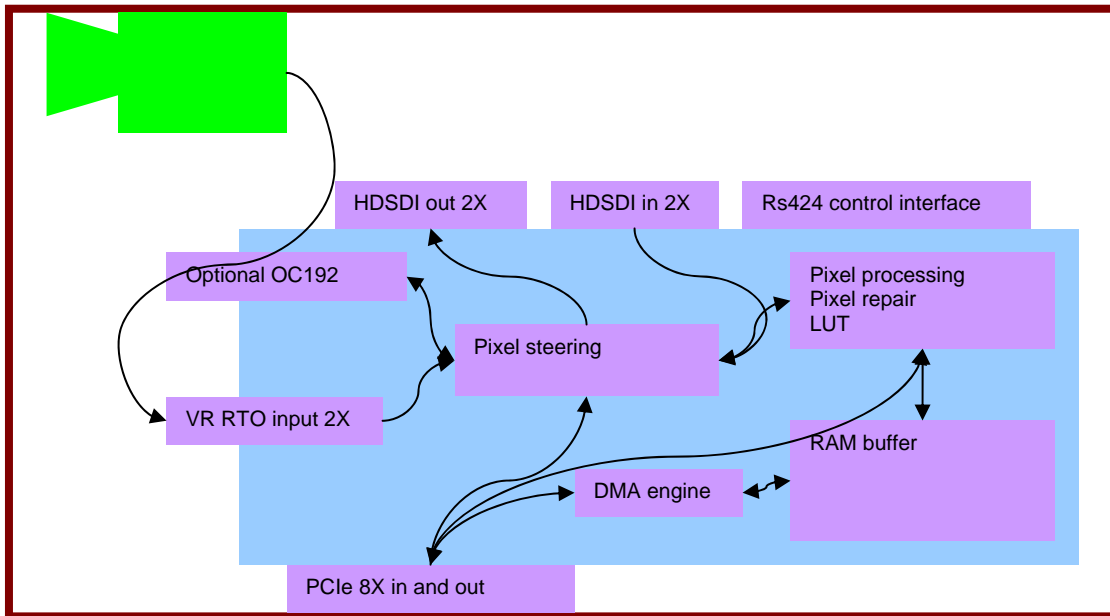
Option for: standalone functionality

HD Formats Supported: 720, 1080

- Full Size PCI Express 8 Lane
- Inputs: 2 x HDSDI In
- Output: 2 x HDSDI
- RAM: 1 G Byte option
- Operating system: Linux
- 3.3 Volt power supply (external)
- Applicable specs: SMPTE 247m, 291m, 296m, PCI Express
- Typical Resolutions: 1280x720@60Hz; 1280x720@30Hz;
1920x1080@30Hz
- Pixel correction
- Pixel formats: 4:4:4 or 4:2:2
- Pixel depths 8, 10, 12, 14, 20 or 30

Vision Research RTO Image Capture PCIe Board and Software

TornadoCard-VR



**Single Board PCI Express
Image Processing Engine**

<i>Interface</i>	
HDSDI Video Input/Output	SMB
RTO Input	Multi mode Fiber
HD Format Support	1080PsF: 23.98, 24; 1080i: 48, 50, 59.94; 720p: 59.94, 60, 50
OC192	Single mode fiber pair
Card Type	Full Size PCIe x8
<i>Hardware</i>	
DRAM	1 GByte
Size	12.25 x 4.375 inches (excluding connectors)
Hardware to Support Image Conversion, Processing, Capture and Playback	
Contact Factory for Solutions to Unique Applications	
<i>Software</i>	
Software Included	Driver

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