

Cuda JPEG Compression Module

Real time JPEG compression for high speed and high resolution monochrome cameras.

Features:

- Acquire from high speed monochrome sensors directly to jpeg.
- Cuda GPU Compress directly at 500 fps x 1280 x 1024 x 8 bits or 340 fps x 2048 x 1088 x 8 bits monochrome.
- Unleash NVIDIA's based GPU to perform real time compression (Fermi architecture).
- Works with monochrome 8 bit images, colour to be added later.
 - Eliminates the need for expensive SSD or RAID 0 setups.
 - Adjust JPEG compression between 0 and 100% quality.
 - Record directly to OS drive.
 - Facilitates long time recording.
 - GTX Titan : mono, 1.63 billion pixels.
Raw bayer, 680 million pixels.

Current list of supported cameras:

- AVT GT2000.
- Basler A504.
- Basler acA2000-340, acA2040-180.
- Baumer HX13.
- Baumer HXC20, HXC40.
- Dalsa Falcon2 Global shutter at 4MP, 8MP and 12 MP.
- IDT M3.
- Mikrotron MC1310, MC1311, MC1362, MC1363.
- Optronis CL600x2.
- Photonfocus MV2-D1280.
- PT GREY Gazelle CL-22, CL-41.
- Vieworks VC-4MC-x340, VC-2MC-x180.
- Ximea USB3 MQ-022 and MQ-042.

Rugged

Compact

Powerful

