

Video Recording Systems:

- Uncompressed / Compressed using NVIDIA GPU
- Data rates of up to 9 GB/s
- Ruggedized version for harsh environment (temperature/ shock)
- Long time recording
- Pre/Post triggering and loop recording
- Time stamping using PC clock, IrigB or GPS
- Multiple data sources support: Video, Audio, Analog/Digital signals, GPS, IMU
- Multiple cameras setup

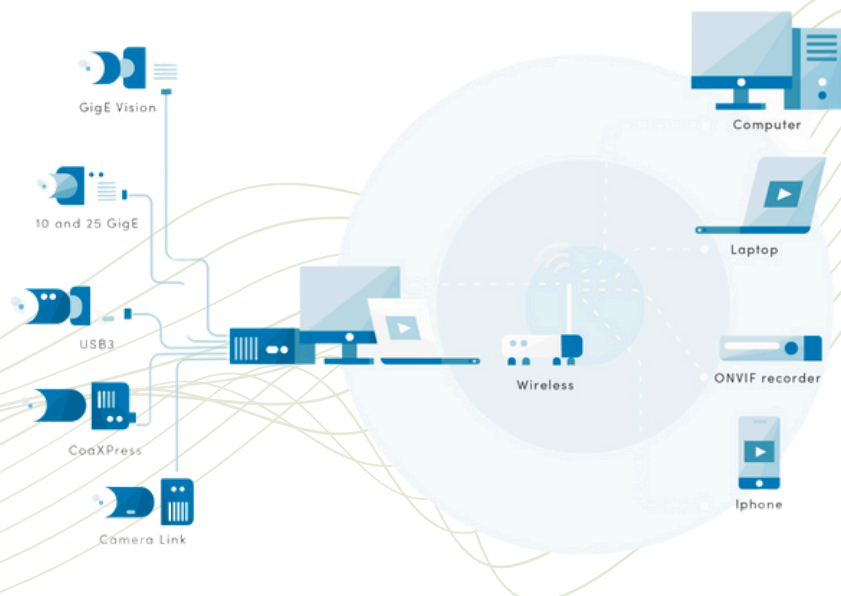
Various applications:

- Georeferencing and road assessment
- Troubleshooting and packaging
- Paper mill break capture
- Special effects industry
- Motion analysis and sports
- Airborne and defense industry
- Film scanning and archiving
- Turbulence research
- Mice and rodent video capture



Video Interfaces:

- GigE-Vision
- USB3-Vision
- 10&25GigE
- Camera-Link
- CoaXPress
- HD-SDI
- HDMI





High-Speed Video Recording Systems

1Vision provides various customized DVR systems to fit our customers' requirements. Those DVRs support single or multiple cameras recording from various sources.

The video recording systems produce digital video stream that is recorded lossless, uncompressed, or compressed, on SSD/HDD drives or RAM.

The systems are designed to record raw video data or compress from multiple sources and in multiple interfaces including Camera Link, CoaXPress, GigE-Vision, HD-SDI, Analog, and USB2/3.

Debriefing capabilities include playback of the recorded video forward/backward, frame-by-frame display, export of the video to image files, etc. Parallel recorded sequences of all types of video data will be played synchronized, according to the time stamp attached to each frame by the GPS or system timing source.

Features:

- Video Recording
- Real-time processing
- Pre/post triggering
- Multiple sources
- Additional data recording
- Compact form factor
- Accurate synchronization
- Remote Control
- Variety of video interfaces
- Turn-key system

