



VideoMover™-Aero128 software feature:

- Automated video streaming - uses one click to transmit LIVE footage back to the studio, ground control- **Open Source for Government agencies ONLY!**
- Motion compensation and BGAN bandwidth probing
- Uses latest Microsoft Video CODEC implementation, not a proprietary codec
- Automated high resolution image transfer back to the studio using background IP
- Automated video clip transmission (store and forward - BurstVideo™) over BGAN
- Additional security features for more secure video streaming
- Additional PORT ROTATION and INTERROGATION** algorithm for UDP video
- 128k -160k streaming - different method using land mobile BGAN units

PRI **: This method of video streaming is not implemented in VideoMover™ software developed for Land Mobile and Maritime versions, however can be requested for additional price. PRI is an innovative method to transmit video from non specific ports, an additional layer of security without adding to the latency.

Open Source *: The aeronautical version of VideoMover™-Aero128 is an open source software. The entire Visual Studio source code for the project will be available to examine at no extra charges only to government agencies. An NDA - non-compete document must be signed.



VideoMover™-Aero128 specifications:

Video Formats: NTSC, PAL, SECAM

Video Encoding: Resolution: custom configurations to fit any requirement

Frame rate: full, custom configurations to fit any requirement

Audio: Any Microsoft DirectShow® driver support – Universal standard

Streaming Rate: User selectable from 10 kbps to HD

Video Inputs: Any Microsoft DirectShow® driver support – Universal standards

Video Codec: Microsoft Universal standard – VC-1, Encoder9, LIVE FLASH output

Audio Inputs: Embedded DV

Editing: Works with existing NLE video editing packages

Video Post Filtering: Interlaced filtering, and anti-aliasing

Video Pre-filtering: custom software configurations

Network Interface: Ethernet, optional: 802.11b/g, LAN, any TCPIP

Network Protocol: Multicast/Unicast, UDP, custom configuration via software

Operating System: Windows®

Encoding & streaming Latency: Adjustable from 200 ms to 10 seconds

BurstVideo: Custom software configurations

Store & Forward: Custom software configuration – any required resolution

File Transfer: Comprehensive integrated File Transfer Protocol - Automated

Gateway output: Any available port OR custom configuration via software

Security, Level 1: Port Rotation & Interrogation algorithm

Security, Level 2: Microsoft next generation encryption technology

Configuration: 100% software

SEND, RECEIVE, ADMINISTRATION, PRESENTATION, PLAYLIST, LIVE PLAYBACK,
BURST PLAYBACK, LIVE PLAYBACK WITH RECORDING

BGAN support: Static IP address, BGAN Template selection

Hardware support: Thrane & Thrane, HUGHES

CDMA Support: Integrated Dynamic Name Server/ IP tracking, CDMA template

