



M-Link Integrated Media Station



The M-Link Integrated Media Station (MIMS) is an integrated system for the acquisition of audio and video and the delivery of live and store and forward footage. The MIMS provides the central switching and control centre, and works in conjunction with the M-Link software suite. The MIMS can operate with the Livewire range of cameras and microphones designed for the maritime environment. These include fully ruggedised, waterproof pan & tilt, roll compensated day/night cameras, talkback systems and microphones.

Key Features

- The delivery of high quality Store & Forward video for news, situation awareness and documentary
- Live videophone facilities for TV, corporate interviews or situation awareness purposes
- A video diary for recording progress and experiences during an event
- A method to capture dramatic footage even after the event has occurred – delay line crash record
- Power management has been a key design goal and the MIMS, this ensures that only the devices pertinent to a given workflow are powered

MIMS Workflows - the M-Link Integrated Media Station is designed to offer a set of simple but highly effective 'workflows':

- 1. Live Video Conference** - The MIMS provides a facility for Live video conferencing with a TV station, corporate offices etc. The MIMS establishes a suitable circuit over the Inmarsat Fleet Broadband terminal to a compatible IP or ISDN video conferencing unit.
- 2. Video Store & Forward** - The MIMS allows control of the video recorder via Firewire from the media computer for editing functions in preparation for the Store & Forward of high quality video over the Inmarsat Fleet Broadband service
- 3. Video Diary** - Pressing the 'Diary' button on the front panel will place the Handycam in record to the local tape and the tally LED in the middle of the switch will be illuminated. Pressing the button again will stop recording
- 4. Video Record** - The MIMS will allow the selected camera output to be recorded to the video recorder for adhoc recording. This can be controlled using the video recorder's front panel button or via the red record button on the MIMS fascia, or any of the crash buttons
- 5. Crash Record** - The MIMS routes the selected camera and microphone to the input of a digital delay line. The output of the delay line is audio & video that is 120 seconds old. By pressing one of the crash buttons this historical video can be recorded on video recorder, allowing the capture of dramatic events, after the event has occurred.

Benefits of the M-Link Integrated Media Station

- Simple workflows with integrated camera and microphone selection
- Automatic call setup and clearing with both IP and ISDN support
- Excellent Technical Support
- No PEP necessary
- Industry standard H.264 AVC codec
- Full interlace support for PAL and NTSC formats
- Simple and intuitive to use
- Low latency
- Full frame rate over FBB 256Kbps streaming class
- Automatic appending, retry and error correction

MIMS - example configuration

