

# M-Link Live X



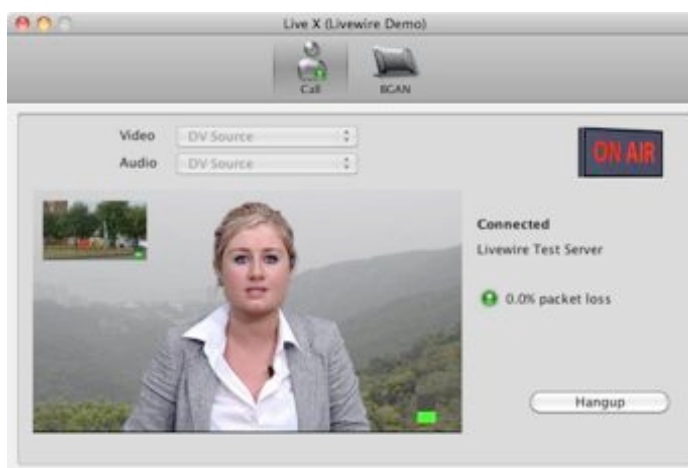
M-Link Live X offers a highly mobile, reliable and compact live newsgathering solution, which can be deployed and operated by a single reporter.

## Overview

M-Link Live X supports live video over IP circuits such as 3G/4G or Inmarsat's BGAN service. M-Link Live X delivers low latency, high quality video direct to an M-Link Exchange receiver where it is available as SDI or composite video with embedded or analogue audio. Even with data rates as low as 176 Kbps M-Link Live X can deliver native frame rates (25fps PAL or 29.97fps NTSC) at SIF resolution.

## Key Features

- Professional live broadcasting over IP circuits - 3G/4G, Inmarsat BGAN, public Internet
- Cross platform - Mac and Windows
- H.264/AVC video - High Quality with full Interlaced support
- AAC or Speex audio - High Fidelity & Narrow band voice optimised
- Low latency - One second over Inmarsat BGAN 256/384Kbps streaming class
- Choice of two error correction modes; Forward Error Correction (FEC) and Livewire Acknowledged Mode (LAM)
- Full motion SIF video at native frame rates over BGAN 256/384Kbps (PAL 25fps or NTSC 29.97fps)
- Integrated BGAN control - Simple intuitive controls
- Return A/V feed - IFB
- Full DI over high bandwidth links (e.g. 1.5Mbps) - Interlaced, full resolution at native frame rates



## Technical Specifications

Video Formats:	SD: PAL 25i, NTSC 29.97i
Video Encoding:	Resolution: D1, 2CIF, CIF, Frame Rate: Full, 4/5, 3/5, 2/5, 1/5
Video Bitrates:	User selectable 64Kbps to 1.5Mbps
Audio Codecs:	AAC, Speex
Streaming Rate:	User selectable from 64 Kbps to 2 Mbps
Network Protocol:	Unicast UDP
Error Correction:	FEC or Livewire Acknowledged Mode (ARQ)
Operating System:	MS Windows, Mac OS
System Requirements:	Minimum System Requirements Core 2 Duo 1.8 GHz Processor 2GB RAM DV/FireWire or USB/iSight (OSX) Windows: XP Pro, Vista (all), 7 (all) OSX: 10.5 (Leopard), 10.6 (Snow Leopard), 10.7 (Lion)

## Support and Upgrade Policy

Newsgathering in remote or hostile environments can be very challenging for the reporter and equipment. Livewire Digital offers a comprehensive support package on professional M-Link products offering expert advice on all aspects of using the equipment in conjunction with cameras, NLEs, IP networks and satellite terminals. In line with Livewire Digital's policy of protecting the customer's investment, all M-Link products come with a high level of compatibility. For those Livewire Digital customers that wish to upgrade their existing equipment to the latest M-Link technology, a technology refresh path is available.

### Further details

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