

**"The Worlds ONLY Operationally Waterproof H.320 Video Communication System"**

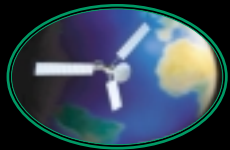


The **LiveLink** combines its rugged and portable nature with the full functionality of a high quality set top video conferencing system, in the compact space of its tough case. Uniquely the **LiveLink** is water and dust proof when the unit is either in transit or in use. **LiveLink** is the ideal solution for military personnel, police, emergency services, reporters, journalists and trouble shooters. **LiveLink** is a fully featured group video conferencing system which offers the picture quality and features provided by much more expensive systems.

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# video communication

This high-end portable video unit is fully compliant with the H.320 standard, allowing transmission of full motion video and audio over ISDN, leased line and satellite connection. **LiveLink** is compatible with all leading makes of video conferencing room systems, group systems, desktop systems, videophones and MCUs. It also includes all the standard videoconferencing features such as data transfer, auto-answer, local and far end camera control. **LiveLink** can also be expanded for large groups by connecting additional devices to the I/O interface. T.120 compliant multimedia capabilities are available through the use of external PC's. There is also a transparent data channel available for custom protocols.



**128k and 64k Inmarsat Ready**

## BROADCAST

With the **LiveLink** and a Satphone you can be the first on air with video and audio anywhere in the world, whether broadcasting interviews with rebel leaders from remote mountain locations or action reports direct from natural disasters.

# video

## MEDICAL / CIVIL INCIDENTS

Medical support for remote and dangerous locations can now be achieved using **LiveLink**. Peripherals can also be connected to **LiveLink** allowing the simultaneous transmission of data, video and audio. Emergency services then have the benefits of specialist support whether they are at a remote exploration site or an incident closer to home.



As Seen on GMTV

## BUSINESS & INDUSTRY

**LiveLink** allows a technical specialist or key engineer to have a virtual presence "on site" at remote locations, like oil rigs, while remaining at their home location. Supervision of repairs, installations, remote assessment of insurance claims and remote personnel management at inhospitable sites worldwide can now be achieved.

# video communication

**LiveLink in use with a GAN terminal at a remote site**



# video technology

## PEACEKEEPING

**LiveLink** enables the decision makers at headquarters to have a virtual presence. Tough strategic decisions may now be made with improved information. Visual support provided to remote sites allows complex equipment in war zones to be repaired and maintained closer to home.

- Video Servers
- Video News & Mail
- MCU's
- Software Consultancy
- Portable VC solutions

## VIDEO

- H.263 and H.261 Codec
- Resolutions and frame rates
  - CIF (352 x 288 pixels) at up to 15 frames/sec
  - QCIF (176 x 144 pixels) at up to 30 frames/sec
- Composite video input (PAL or NTSC)
- Composite video output (PAL or NTSC)
- Brightness, contrast, saturation and hue controls

## AUDIO

- G.711 - Telephone quality
- G.722 - High quality
- G.728 - Telephone quality
- Full duplex hands free audio with echo cancellation
- Built in microphone, plus support for optional external microphone
- Line input and output
- DTMF tone generation
- Headset connector
- Volume and gain controls

## DATA

- RS-232 serial port
- Clear data channel 9600 to 19200
- Higher bandwidth data at up to 24000 baud
- T.120

## NETWORK

- ISDN basic rate (2B+D), S-interface
- 1B and 2B calls
- Unrestricted (64kbit/s) and restricted (56 kbit/s) network support
- ISDN variants; EURO-ISDN, National ISDN 2, DMS 100, AT&T, 5E5
- Speech calls to ordinary telephones
- MSN Support

## POWER

- Auto-sensing main power supply 100v - 240v,
- 12v for vehicles
- External battery option (range 12v - 15v)

## MONITOR

- Active TFT LCD
- Screen size: 26.5 cm (10.4 in) diagonal
- Resolution: 800(h) x 600(v) pixels
- TV type: PAL/NTSC
- Low power, wide angle view, power save mode.

## CAMERA

- Wide Angle PAL and NTSC internal colour camera
- Auto light sensing, low light mode below 0.2 lux
- Far and local end camera control (all models) for control of Pan and tilt, mechanical zoom with auto tracking and preset positions

## PHYSICAL SPECIFICATIONS

- Materials
  - Body: Impact resistant composite plastic
  - Colours: Yellow, silver, black or orange
  - Hinges: Impact resistant composite plastic
  - Handle: Impact resistant composite plastic
- Dimensions:
  - Width: 380mm (18 in)
  - Depth: 265mm (9 in)
  - Height: 165mm (6.5 in)
  - Weight: 9.5 kg (21 lb)
- Seals:
  - Tongue and groove Nitral sealed IP 67
  - Environmentally sealed internal mounting plate

## FEATURES

- Electroluminescent keypad for night time operation with LED status display
- Battery condition monitor (3 LED display)
- Audio level indicator on internal/headset microphone (10 LED display)
- Audio level indicator on external line in audio (10 LED display)
- Video sync indicator on external video input
- Video and audio mute
- Dynamic allocation of audio and video bandwidth
- Waterproof connectors
- Multi language
- 10 phone number memory
- Last number redial

## OPTIONS

- Satellite transmission, with external transceiver and external dish
- Accessories case
- Battery pack and charger for up to 4 hours operation
- Custom breakout connectors and broadcast industry standard connectivity kit



ruggedised portable video conferencing

- H.320 compliant
- high end portable video unit
- high definition picture and sound quality
- built for outdoor applications
- 'sat phone' compatible

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dealer stamp