

E-LINK

e-Link is a new concept in remote surveillance, designed specifically for the covert intelligence gathering market.

It streams live thumbnails over the internet, while simultaneously recording full resolution, full frame rate video on a local hard disk.

The system is composed of a front-end unit, either a briefcase or a rugged aluminium box, and a software application, which runs on a standard Windows PC. These communicate over the internet, bi-directionally linking the location under surveillance and the operatives. If the cameras connected to the front-end unit are PTZ capable, it is also possible to control them remotely based on real-time feedback.

Strong 256-bit AES encryption guarantees security over public networks subject to export controls, and protects recorded data from unauthorised viewing or tampering. Front-end internet access can be via Ethernet, integrated ADSL, cable or 3G modems. Trials are also being conducted on a low-cost, guaranteed-bandwidth, bi-directional satellite link.

The front-end unit can be connected to external sensors to trigger recording or build a time-stamped graph of events. Other features include MPEG2 and MPEG4 compression technology, optional diversity wireless inputs, compatibility with standard USB hard disks with virtually no size limits, and more.



Specification:

Input	
Composite Video 1	BNC
Composite Video 2	BNC (optional)
RS232 control	Lemo
Trigger inputs x 4	Wire Connection
Power	4-Pin 0B Lemo
Output	
Composite Video 1	BNC
Composite Video 2	BNC (optional)
Stereo line level audio 1	Lemo
Stereo line level audio 2	Lemo (optional)
Trigger output x 4	Wire Connection
PTZ Control Out	(Depends on Customer Camera Type)
Network/Modem Ports	
Ethernet port 1	RJ45
Storage/3G/Wi-Fi Ports	
USB host port 1	USB-A
Network Interfacing	
Ethernet	10/100 Mb/s
Other Optional Supported Interfaces include:	ADSL or Cable modem WiFi 3G card
Storage Capacity	
Internal hard disk capacity	160GB (up to one week continuous recording)
Video	
Line Standard	PAL/NTSC
Resolution	704, 528, 480, 352
Coding Mode	MPEG2 or MPEG4
Frame rate	Full/Half/Quarter/Eighth (selectable)

Thumbnails	
Image Standard	Encrypted JPEG
Resolution	User Controllable
Frame rate	0-10 fps, depending on network bandwidth
Audio	
Output	Line Level
Sample Rate	32KHz, 16KHz, 8KHz
Bits per sample	12 or 8 bit
Encryption	
Format	ABS 32 bit as standard AES128/256 (optional)
Control	
Unit Setup	Ethernet/RS232 Control via PC application or RS232 control via optional touch-screen controller
Physical	
Rugged Aluminium Box Briefcase	L 120mm, W 180mm, H 80mm Size depends on number of fitted options
Power	
DC input	9 to 16V Reverse Polarity Protected
Power Consumption	From 10W, depending on options fitted
Environment	
Temperature range	-10 to +50 deg C

Products are available to security users only, in licensed frequency bands. These products are not approved for use by unlicensed users. Commercial products are available to unlicensed users - contact **domo** direct for details.

Product Code: ELINK



domo

domo is at the forefront of innovation, developing technologies in the fields of digital wireless, video, audio, telemetry and IP.

Our key technology expertise is in digital video processing, digital modulation and Internet Protocol (IP) interfacing.

Our strength is in adapting complex technologies into simple-to-operate, robust solutions.

Our team of dedicated **domo** engineers is continually developing new solutions directed by demanding customer requirements in fields such as:

- Police Forces
- Security Services
- Special Forces
- Homeland Security Agencies
- First Responders
- Fire Services
- Port Security
- Traffic Management Agencies.