

Video Technology Ltd

Innovative video systems for Military and Law Enforcement

K9-eye-E

Police dog wireless camera system



Camera and harness assembly.

Vee.



Receiver/monitor/recorder unit

The pictures show the complete equipment, there are no other items for either dog or handler to carry during operation, and the weight carried by the dog is less than 300g (approx. 10oz.)

K9-eye-E is an entry-level equipment designed to incorporate the latest technology offering all the performance of the original system, but at a much lower cost, allowing greater accessibility to the benefits of K9-eye for users with limited funding.

The K9-eye family of equipment has been in operational service with Police and Military units throughout the UK and overseas since 2006, and a number of more advanced variants with enhanced capabilities are now available for different operational scenarios. Please ask us for details.

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The system comprises a miniature colour television camera and radio transmitter mounted on a lightweight head harness. There is a quick-release facility, allowing the harness to be worn at all times the dog is operational if required whilst the camera is attached only when needed. Rechargeable batteries allow several hours operation.

To allow operation in darkness, lights are incorporated in the camera housing, and provide pictures in total darkness to a range of 5 -10 metres from the dog.

An audio facility is also provided, allowing the handler to record any sound or conversation in the vicinity of the dog.

Pictures are viewed on a miniature, lightweight video recorder/monitor/ unit carried by the handler. This unit has a 5" screen for easy viewing, but is also small and light enough to be worn on the wrist if required. Recordings are made to SD card, and are time and date stamped.

Optional equipment.

'Polecam.' As an aid to viewing the interior of lofts, cellars and similar difficult-to-access spaces, a small, self-contained camera unit complete with lights is mounted on a telescopic pole; the pictures are received on the same unit as the pictures from the dog camera. Officers can therefore examine these areas, (or look over walls and round corners) whilst remaining under cover.

A heavy-duty waterproof carrying case is available to contain the complete equipment and accessories.

Each user will choose equipment to meet their specific operating requirements, but a typical system will comprise a camera and harness unit; recorder/receiver/monitor unit, battery chargers for camera and recorder and a carrying/storage case. Common options are a Polecam unit and additional harnesses for other dogs, (allowing each user to keep the correct adjustments permanently on their harness)

We are also able to provide custom-designed systems for special applications of video technology for many law enforcement and military applications; if you have a particular requirement that you would like to discuss (or even just a 'wish list'), please contact us.

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Specifications: K9-eye-E system

Camera:	Miniature solid-state unit, 1/4" CCD sensor. Colour, 520 TVL resolution
Housing:	Custom-designed, rugged injection-moulded unit, contains camera, transmitter unit, lights, battery and on/off switch. Battery life is 2-3 hours in normal use.
Head harness:	Nylon webbing with buckle and Velcro adjustment, has quick-release mounting for camera housing,. Available in 3 sizes to suit different breeds of dog.
Weights:	Camera assembly, complete with harness, less than 300g
Recorder/receiver/monitor unit:	Miniature, lightweight unit comprising receiver unit, recorder (micro SD card recording medium) video monitor with 5" screen and rechargeable batteries. Battery life is approximately 4 hours.
Security:	Every frame of video is time and date stamped.
Recording time:	Normally, the highest quality will be used; providing approximately 30 minutes per GByte of memory. A 4GByte card is recommended . Cards can be replaced in a few seconds if required for evidence.
External devices:	A USB connector is provided for viewing or exporting the recordings to a computer. A headphone connector is provided for secure monitoring of the audio; a speaker allows other personnel to listen to the live audio if required.
If required. Weight:	220g (less than 8 oz)
Wireless link:	2.4G Hz, licence-free (other frequencies are available, licences may be required according to your location). 4 separate channels are available, allowing different sets of equipment to operate in the same area.
Range:	Range will depend entirely on the local environment and transmitter power, but it must be emphasised that <u>this system is intended for close-support operations and has a limited range</u> . In general terms, the handler will normally be sufficiently close to the dog that a signal will be available at all times.

Due to our policy of continuous product development, specifications may change without notice.
All Video Technology products are designed and built in England.