

## MemoCamPlus Plug and Play Covert Surveillance



### Benefits to the Police

- ▶ Simple operation requires minimal training or set-up time, and infrequent visits once deployed – low cost of ownership
- ▶ Event triggered recording only captures images when activity takes place – no time wasted trawling through hours of CCTV video tape
- ▶ Video Motion Detection and Passive Infra-Red pick-up all movements – even through glass and in low light
- ▶ Stores approx 20,000 images – can be left running for weeks without intervention
- ▶ 0.1 Lux operation – records discernable images in low light conditions
- ▶ Additional cameras can be added – add two external cameras to each MemoCam
- ▶ Weekly scheduler – arm and disarm at predefined times and days
- ▶ Comprehensive PC software for analysis of images and advanced configuration
- ▶ Low unit cost allows many units to be operational for the same cost as just one manned surveillance operation

Covert operation allows pictures to be securely recorded when a crime takes place. MemoCam™ is already being used as a low cost surveillance tool, which captures high quality images providing intelligence into repeat crimes such as domestic and commercial burglary, and volume crimes such as deception and distraction burglaries, and drug related crimes.

MemoCam Plus is manufactured by Video Domain, and has won several security industry awards. Globe Microsystems is the UK's only Platinum distributor of MemoCam, focusing exclusively on supporting UK police forces.



## MemoCam Plus

The MemoCam Plus automatically records images of events onto a removable memory card when triggered by movement. The camera has internal video motion detection (VMD) and passive infra-red (PIR) detectors, and can also be activated by external triggers

The VMD and PIR dual detection technology significantly increase the reliability of the motion detection, while reducing false alarms.

During set-up, VMD allows for user-defined areas such as windows or doors to be highlighted, and only when there is movement in these areas will image capture begin. This further reduces the volume of images that need to be looked at after an event to search for valuable intelligence.

Each image recorded is signed with the camera serial number and is time and date stamped. There are two recording modes: Fixed, which recording stops when the card is full and Cyclic which records events successively, overwriting old images when the card is full this is most commonly used by the police, who retrieve the card only when notified of an incident.

Recorded images are analysed by removing the memory card and inserting it into a card reader connected to a standard PC or laptop. To support the specific needs of police forces, images are tamper proof and encrypted. In conjunction with police devised procedures, read-only CDs can be created to support continuity of evidence.



## Police Usage

Experience shows that the value of covert surveillance is compromised when surveillance methods are disclosed. In view of this, MemoCam is often used to collect intelligence to feed into investigations, providing images for the identification of criminals, or identifying where further forensic evidence such as fingerprints, clothing or DNA will be found.

Used in this way, MemoCam is directly linked to rapid arrest and conviction based on forensic evidence, without the disclosure of surveillance methods.

Globe Police Solutions only work with UK police forces. Our *Fast Start* programme will provide more detailed advice on the deployment and operation of surveillance solutions.

## Covert Housing

MemoCam can also be supplied in alternative housings, including lamps, clocks, and tissue boxes. We are happy to discuss alternative housings and multi-camera systems.



### Technical Specifications

Video Inputs	2 for external camera	Images/ event	1 to 101 images
Video Output	1 for adjustment and monitoring	Internal Camera	B&W Pin Hole Lens
Dry contact input	3 for external triggers	Internal PIR	Dual element detector
Relay output	2	PIR Lens Type	Hard Spherical Lens
Internal VMD	Yes	PIR Detection System	0.3-1.5 m/sec
Weekly Scheduler	Yes	PIR Temp	Yes
Removable MMC	16 – 128MB	Compensation	
Compression format	JPEG	PIR Coverage	Wide angle 90 degrees, 18m x 18m
Recording Quality	Variable resolution	Current Consumption	Total 500m A max
Image Size	5-20Kb per image	Dimensions	67 x 135 x 56
Recording rates	From 3 images/sec to Image/5 minutes	Weight	250g

Globe Police Solutions is a division of Globe Microsystems Limited

Unit D7, Sandown Industrial Park, Esher, Surrey KT10 8BL Phone: 01372 471000 [www.globemicro.com](http://www.globemicro.com)