

IBP SERIOUS CRIME SOLUTIONS

raid-cam™

COVERT CAMERA

raid-cam™ is a complete, stand-alone, digital camera and digital recorder, configured to capture police evidence in the event of a robbery. It is a high performance colour megapixel camera with automatic digital recording contained in a single Passive InfraRed detector (PIR) enclosure.

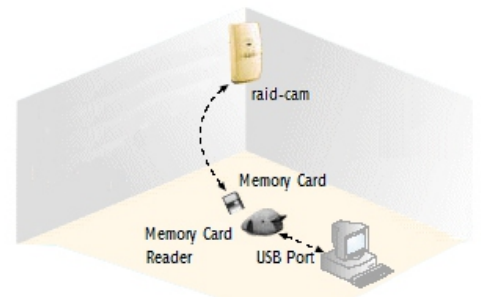


The **raid-cam™** system includes a 1.2 Megapixel CMOS Colour camera, a video compression engine, a removable Memory Card, PIR detector and optional Video Motion Detection (VMD). Installed by a customer exit in retail premises, it automatically records all movements detected by its PIR. The recording is stopped between 0 and 180 seconds after an external normally closed PA alarm is pressed. With a minimum of 5 hours recording, users can activate their PA either during or shortly after the raid to ensure evidential images are not overwritten.

A tamper-evident police evidence trail pack is supplied with each camera. To analyse the recorded events, the memory card can be removed from the **raid-cam™** unit and images downloaded to any PC or Pocket PC which has the relevant software installed, using a standard Memory Card Reader.

Main Features

- Stand-alone integrated digital camera packaged in a covert enclosure
- Colour high resolution camera configured to capture police evidence in the event of a robbery
- Automatic recording of all entries and exits
- External PA stops recording onto Memory Card
- 'Stop Recording' time delay 0 – 180 seconds
- Standard 1 Gb memory card can contain up to 100,000 recorded images on a single card. 2 Gb card can contain over 200,000 images
- Simple menu-driven set-up by customer or installation engineer
- User defined image quality, frame rate, recording time per event, and delay between frames
- Infra-red Remote Control to re-arm unit using re-arm code (which can be held by security teams to prevent accidental overwriting of images)
- Optional Black and White versions work in low-light environments - 0.1 Lux or 0.003 Lux



Benefits

- Effective, low-cost, low maintenance replacement to 35mm cameras
- Tamper-evident police evidence pack complies with police evidence procedures
- Covert recording of burglary
- Easy to use PC software

Operation

Installed by a customer exit in retail premises, it automatically records all movements detected by its PIR. The recording is stopped between 0 and 120 seconds after an external normally closed PA alarm is pressed or with remote control. With a minimum of 5 hours recording, users can activate their PA either during or shortly after the raid to ensure capture of police evidence. **Raid-cam™** can also be used as a 'plug and play' system with a mains adapter and an IR remote.

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Additional Features

- TV/Video output for external monitor
- Records up to 10 frames per seconds
- 5 selectable levels of recording quality
- Reliable and robust device not requiring day-to-day user intervention or maintenance
- User defined image quality, frame rate, recording time per event, delay between frames, cyclic recording & more
- Can be connected to control panel to enable synchronized arm/disarm of the unit
- Weekly Scheduler
- 2 relay output
- RS-485 connection

Maximum no. of Images / Recording Time in Hours

For each selected recording quality and installed memory size (on the basis of recording rate of 1 FPS (frame per second) and VMD (Video Motion Detection) activation 20% of recording time)

• At 1280 x 960 Resolution (Standard Raid-cam Unit)

RECORDING QUALITY	MEMORY CARD SIZE	
	1 GB	2 GB
Excellent (150K)	3,300 / 5 hours	6,600 / 10 hours
Very Good (90K)	5,600 / 8 hours	11,200 / 16 hours
Good (60K)	8,400 / 12 hours	16,800 / 24 hours
Standard (40K)	12,800 / 16 hours	25,600 / 32 hours

• At 640 x 480 Resolution

RECORDING QUALITY	MEMORY CARD SIZE	
	1 GB	2 GB
Excellent (150K)	6,400 / 8 hours	12,800 / 16 hours
Very Good (90K)	11,200 / 16 hours	22,400 / 32 hours
Good (60K)	16,000 / 24 hours	32,000 / 48 hours
Standard (40K)	25,600 / 32 hours	51,200 / 64 hours

• At 320 x 240 Resolution

RECORDING QUALITY	MEMORY CARD SIZE	
	1 GB	2 GB
Excellent (150K)	25,600 / 32 hours	51,200 / 64 hours
Very Good (90K)	46,400 / 64 hours	92,800 / 128 hours
Good (60K)	67,200 / 96 hours	134,400 / 192 hours
Standard (40K)	102,400 / 128 hours	204,800 / 384 hours

