

# IBP SERIOUS CRIME SOLUTIONS

## raid-cam™ Express

### RAPID REACTION BATTERY POWERED COVERT CAMERA



**raid-cam™ Express** is a new high sensitivity digital surveillance camera that can capture high-resolution colour images when motion is detected within its field of view. It can also be configured to capture images on a time-lapse basis. The images are stored on a removable memory card for easy viewing on a computer or PDA.

The **raid-cam™ Express** can function both as a Security Camera and Standalone Surveillance Camera. When used as a standalone unit, its internal high capacity battery can power the camera for up to 9 weeks in standby mode, utilising its ultra low power video processing technology.

The camera can store up to 65,000 images on the 2Gb memory card and will optionally overwrite the oldest images when the card is full. If, for example, it takes 200 photos per day, every day of the week, the camera will operate for around 6 weeks. The camera can also be powered from an external mains plug pack.

Images have a digital signature, including camera ID, within each image for legal verification and are time / date stamped. They can also have custom defined text as an overlay to aid identification when viewing stored images.

A remote control enables you to capture images on command as well as arm and disarm the camera. It is ideal for monitoring "trusted" environments such as storerooms, dispatch areas, management offices, and cash registers.

It can also be used as a security camera for detecting intruders in the home, office or retail shop, by simply connecting it to existing alarm systems.

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™ Express** 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
- High sensitivity image sensor for low light operation
- Automatic recording of all entries and exits
- Direct replacement for existing alarm system motion detectors
- Standalone operation from internal HC battery with 9 weeks standby
- Standard 2 Gb card can contain up to 65,000 images
- Customised image-capture sequence & Pre-Trigger image capture
- Simple menu-driven set-up using the Memory Card
- Flexible scheduler for independent arming and disarming of camera
- Optional Black & White image sensor for very low light or covert applications
- Optional flush mounting kit and external housing also available



Flush Mounting Kit

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<b>Image Type</b>	Colour or B&W, JPEG compressed VGA (640x480pixels), QVGA (320x240)
<b>Camera Lens</b>	Standard: 3.7mm, 70° horizontal, 40° vertical
<b>Image Sensor Sensitivity</b>	Colour: 3.8 V/Lux-sec, B&W: 4.9 V/Lux-sec
<b>Motion Sensor</b>	Type: PIR Range: 0-5 m (16') (Minimum), 0-12 m (39') (Typical) Field Of View: 100° horizontal, 82° vertical
<b>Memory Card</b>	MMC™ Card (v4.2) or SD™ Card (v1.1), FAT16 file format
<b>Approximate Image Capacity</b>	2GB Memory Card: VGA: 32,000 images, QVGA: 65,000 images
<b>External Power Supply</b>	9VDC to 13.8V DC, 250 mA (Plug tip polarity + or -)
<b>Internal Battery Capacity</b>	Backup – Lithium Ion, 3.7V 600mAh High Capacity (HC) – Lithium Ion, 3.7V 3000mAh
<b>Photo-relay Specifications</b>	280VDC, 100mA
<b>Power Consumption</b>	Standby: 1.9 mA Running: 100 mA Charging: 200 mA
<b>Case Dimensions</b>	116 x 67 x 55 mm (4.6" x 2.6" x 2.2")
<b>Weight</b>	172g (6 oz), including battery
<b>Operating Temperature</b>	-20°C to +60°C (-4° F to +140° F)
<b>PC Software Requirements</b>	Windows 2000 (SP4), Windows XP (SP2), Windows Vista

