

PRODUCT BRIEF

MBS-SA02-03 Digilant® Standalone Surveillance Camera

April 2007

The Digilant **MBS-SA02-03** is the latest generation, ultra low power, digital surveillance camera that captures high-resolution colour images when motion is detected within its field of view. The images are stored on a removable memory card for easy viewing on a computer or PDA. The camera can also be triggered from a window, door opening, and cash register or alternatively can be configured to capture images on a time-lapse basis.

The camera can store up to 65,000 images and will optionally overwrite the oldest images when the memory card is full - for **'set and forget'** operation.

The Digilant can function both as a Security Camera and Standalone Surveillance Camera. When used as a standalone unit, its internal high capacity (HC) battery can power the camera for up to **9 weeks** in standby mode and if for example, it takes 200 photos per night, every night of the week, the camera will still operate for around 6 weeks! The camera can also be powered from an external mains plug pack which together with an internal backup battery, will provide **2 weeks** standby power.

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.

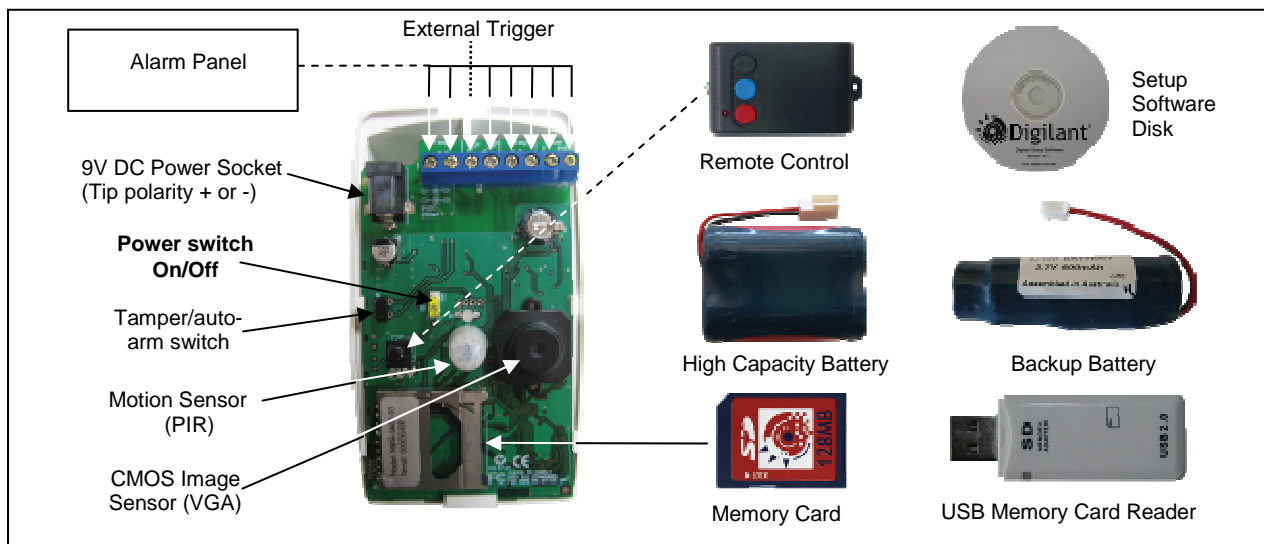
It can also be used as a security camera for detecting intruders in the home, office or retail shop, by simply connecting it to existing alarm systems.

FEATURES

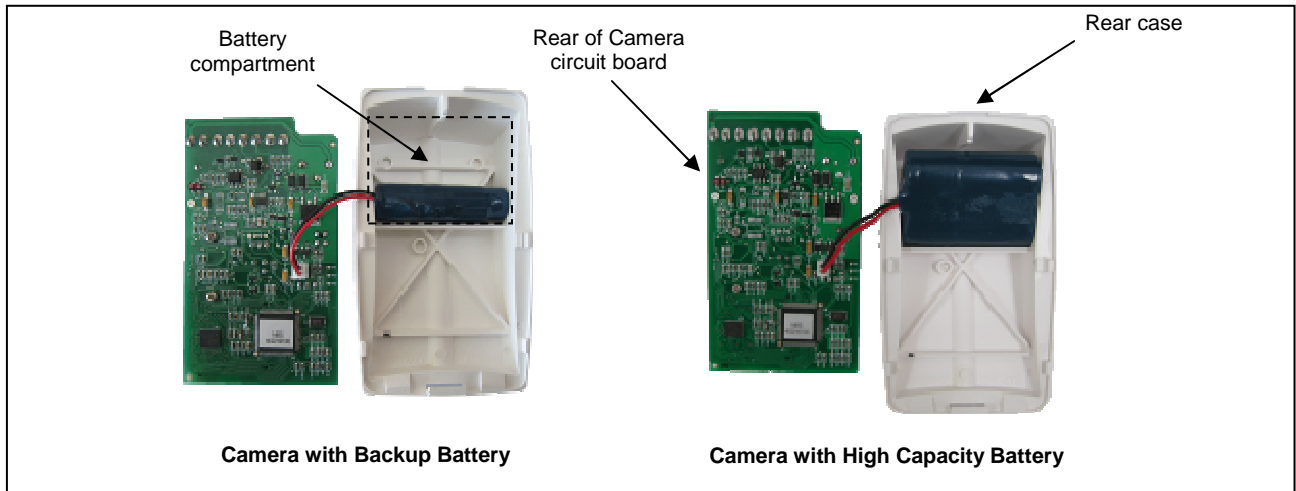
- Direct replacement for existing alarm system motion detectors.
- Standalone operation from internal HC battery with **9 weeks** standby.
- **Set and forget** operation
- Customised image-capture sequence & Pre-Trigger image capture
- Event-Triggered or Time-Lapse camera modes.
- Image encryption.
- Time and date stamped images with programmable text overlay.
- External trigger input.
- Flexible scheduler for independent arming and disarming of camera.
- Time and date stamped event log.
- High speed image viewer included with setup software.
- Digital signature including camera ID, within each image for integrity verification.
- Optional Black & White image sensor for low light or covert applications
- Optional weather-proof case and flush mounting kit (for folder and bollard mounting)



CAMERA & ACCESSORIES



BATTERY CONFIGURATIONS



SPECIFICATIONS

Image Type	Colour or B&W, JPEG compressed VGA (640x480pixels), QVGA (320x240)	
Camera Angle	70 degrees horizontal, 40 degrees vertical	
Image Sensor Sensitivity	Colour: 1.12 V/Lux-sec, B&W: 3.0 V/Lux-sec	
Motion Sensor	Type: PIR Range: 0-5 m (Minimum), 0-12 m (Typical) Field Of View: 100° horizontal, 82° vertical	
Memory Card	MMC™ Card (v4.2) or SD™ Card (v1.1), FAT16 file format	
Approximate Image Capacity	128MB Memory Card VGA: 3,300 images QVGA: 8,200 images	2GB Memory Card VGA: 32,000 images QVGA: 65,000 images
External Power Supply	9VDC to 13.8V DC, 250 mA (Plug tip polarity + or -)	
Internal Battery Capacity	Backup – Lithium Ion, 3.7V 600mAh High Capacity – Lithium Ion, 3.7V 3000mAh	
Photo-relay Specifications	280VDC, 100mA	
Power Consumption	Standby: 1.9 mA Running: 95 mA Charging: 200 mA	
Case Dimensions	116 x 67 x 55 mm	
Weight	102g, 140g (Including packaging) – No battery 125g, 163g (Including packaging) – Backup battery 172g, 210g (Including packaging) – High Capacity battery	
Operating Temperature	0°C to 50°C	
PC Software Requirements	Windows 2000 (SP4), Windows XP (SP2)	



www.digilant.com.au

Information in this document is subject to change without notice.