

# Inspection Optics

## SnakeEye™ III Remote Visual Inspection System



The latest addition to the established SnakeEye™ portable inspection system, the SnakeEye™ III includes the feature to capture still and video images.

SnakeEye™ also has an audio function allowing for stand-alone voice notes and streaming video.

The built-in USB port enables users to access the image files from SnakeEye™ III SD card from a PC.

Standard CCD LED camera (29mm diameter) is waterproof to 30m (100ft) and is chemical and oil resistant.

The light intensity on the SnakeEye™ camera is adjustable to three levels ~ low - medium - high.

The SnakeEye™ III is supplied with IP68 waterproof and dustproof kit. When fitted, it affords protection to the display unit for up to 3 metres in water.

SnakeEye™ III is IP68 Certified and conforms to FCC, CE, CB Scheme and ETL Standards.

A wide range of accessories is available to support the SnakeEye™ inspection system.

### Specifications

Display:	127mm (5") colour TFT-LCD (640x480 pixels) Ports: USB 2, SD card, Video I/O, AC power
Camera:	29mm (diameter) x 48mm (length), 1/4 inch CCD image sensor Delrin housing with anti-fog glass 771 (H) x 492 (V) CCD total pixels High Speed AWB 45° field of view (FOV)
Sensitivity:	2 lux @ F3.5 AGC gain control
Power:	Rechargeable battery, NiMH (Input power 6V DC, 150mA)
Weight:	Less than 1.4kg (3lbs)
Operating Temperature:	-10°C to 60°C (14°F to 140°F)

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SnakeEye™ III incorporates changes to the well established SnakeEye™ version II, and enabling still and video images to be stored onto a removable Secure Digital (SD) cards.

SnakeEye™ III records still images in JPEG format and streaming videos in MPEG-4.

When streaming video, audio signals close to the display unit will be recorded as part of the image file via the integrated microphone.

Image files can be transferred to a PC with SD Card Reader or USB cable.

SnakeEye™ III includes an audio function to add stand-alone voice notes during live video mode. Additionally, audio comments can be added to individual snapshots stored on the SD card whilst browsing the images.

SnakeEye™ III is designed to function in harsh working environment.

### SnakeEye™ Remote Visual Inspection System

Standard equipment, BK-03W consists of:

- 127mm Display Unit (monitor), TFT-LCD (640 x 480 colour pixels)
- CCD Camera, 29mm diameter with 4 integral white light, LEDs
- Rigid wand adapter 457mm length with unidirectional swivel camera mount
- finger adapter (for camera)
- 1.2m flexible cable
- Re-chargeable battery, 6V DC, Nickel Metal Hydride (NiMH), qty 2
- smart battery charger
- AC adapter (Switching Power Supply), 100V to 240V auto sensing
- Mains cable
- DC 12V (car) adapter
- SD Card, SD Card Reader & USB cable
- IP68 kit
- Operators Manual

Supplid in a rigid carrying case.

