



ISO 9001



RED BOX SNAKECAM

COST EFFECTIVE PORTABLE SEARCH AND INSPECTION EQUIPMENT



WORLD BEATING RAPID INSPECTION KIT

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RED BOX SNAKECAM

PORTABLE INSPECTION AND SEARCH EQUIPMENT



The SnakeCam is a remarkable, high quality, low cost, inspection tool.

SnakeCam combines user flexibility with quality equipment, at a very competitive price

SnakeCam is waterproof to a 30m depth.

This completely portable system combines a miniature CCD camera with a hand held TFT display that delivers crystal clear colour pictures.

The standard inspection camera has inbuilt cold LED lights and can operate in complete darkness.

The standard display unit is very compact and has a rotating screen so that, regardless of the camera orientation, the picture can always be viewed "head up". Images can be downloaded for record purposes or for transmission to manufacturers.

The SnakeCam 3 display unit has the ability to capture images and record voice data. By inserting an SD card you can take high quality pictures, zoom in, add voice tags, rotate and flip the image and easily transfer data to you PC by either inserting your card into the PC or connecting you monitor to the PC via a USB cable. The Snake Cam 3 display unit is also waterproof to a depth of 6 metres.

Both display units are protected by a Lexan outer cover.

With cable lengths of up to 500 metres, extendable poles up to 7.8 metre, and many other accessories, SnakeCam can be used for a large variety of hard to reach inspections. Snake Cam can be easily attached to any model of Borescope or Fibrescope for seeing through small apertures.

Snake Cam is cost effective and technicians, inspectors and investigators can use this tool to save time and money in a wide range of applications

Typical uses:

Emergency Search & Rescue, Loft Searches, Disaster Management, Engine Installations, NDT Positioning, Hydraulic Leaks, Inspecting Airframes, Wheel Bays, Cockpits, Instrument Panels, Wiring Runs, Searching behind Cabin Panels, Under Floors, Toilets, Ducting, Containers, Vehicles, Under Water, Ship Search, Aircraft Search Nuclear Areas, Training, Retrieving Foreign Bodies or Tools, Event Recording, Building searches, Asbestos Searching, the list is endless.

Snake Cam is currently used by:

Councils, Building Surveyors, Customs and Excise Services, NASA, US Air Force, BAE, United Airlines, South West Airlines, Boeing, P&W, Sikorsky, Worldwide Police, Security Specialists, Fire Services, NATO Military, UK, USA and Australian Search and Rescue Teams.



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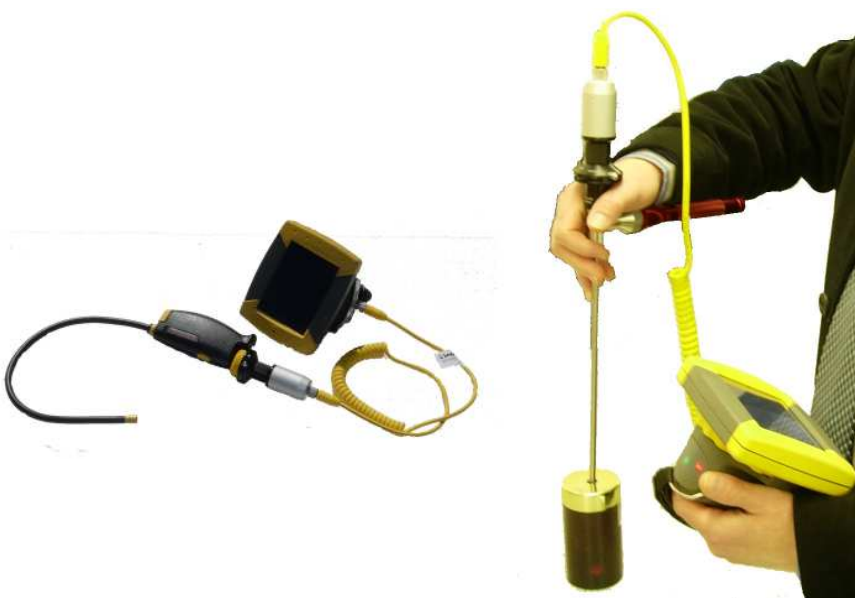
RED BOX SNAKE CAM PACKAGES

Parts contained in the complete kit	Basic Kit	Kit RBW (Urban Search & Rescue) OGC	Kit W (Standard Kit)	Kit C (Standard Kit)	Kit CW (Standard Kit)
Adapter, AC, 100V	(x)	(x)	(x)	(x)	(x)
Adapter, AC, 120V	(x)	(x)	(x)	(x)	(x)
Adapter, AC, 240V	X	X	X	X	X
Adapter, DC	X	X	X	X	X
Camera adapter, Finger	X	X	X	----	X
Adapter, Rigid Wand 46cm	X	X	X	----	X
Cable, 1.25m	X	X	X	X	X
Cable, I/O Video	X	X	X	X	X
Search Camera, LED, waterproof	X	X	X	----	X
Search camera 'C' mount for Borescopes	----	----	----	X	X
Standard Carrying Case	X	----	----	----	----
Enhanced carrying case	----	----	X	X	X
Waterproof "PELI" Case	----	X	----	----	----
Display Unit	X	X	X	X	X
Display Unit with built in Audio & Picture capture*	X	X	X	X	X
Short search batteries, (2) X (35 min)	X	X	X	X	X
Charger, for Short view batteries	X	X	X	X	X
Red Box Sun shield hood	----	X	X	X	X
6 hour belt battery + charger	----	X	----	----	----
Cable, Extension 9.25m	----	X	----	----	----
Adapter, Gooseneck 1m	----	X	----	----	----
Xenon light adapter 1 Watt	----	X	----	----	----
Protection cover for LED camera	----	X	----	----	----
Telescopic lightweight Carbon camera pole 1.25m – 2.5m articulating camera head	----	X	----	----	----
Pole carry strap	----	X	----	----	----
As a replacement for the standard display unit in Snake Cam 3 Kits*					



Optional extras

Part Number	Description
HLEAD	Mains Adapter (please state country)
HCDCL	Power Adapter, DC
HCAB4	Cable Extension, 1.25m
HCAB30	Cable Extension – 9.25m
HCAB100	Cable Extension – 30m (Maximum 90 feet)
HUIDL	Cable I/O, Video
HRBMICRO	Audio Video Recorder
HCOMFLA2GB	Flash Card
HGOO1M	Camera Adapter, Gooseneck – 1m
HGOOEX	Camera Adapter, Gooseneck – extra metre up to 10m
HFING	Camera Adapter, Finger
HWAN18	Camera Adapter, Rigid Wand 46cm
HCAMLED	Search Camera, LED, (Waterproof)
HCAMCED	Camera 'C' Mount for borescopes
HCAMIR	Inferred Camera
HDIS	LCD Display Unit
HDISR	Display Unit with built in Audio & Picture capture
HFNECK	Neck Strap
HSUNH	Red Box Sun Shield Hood
HTOR1W	Xenon Light Adapter 1 Watt
HTOR2W	Xenon Light Adapter 2 Watt
HBELT12	Belt Battery Pack + Charger
HBATT	Short Search Batteries (2 x 25 Min)
HBBPCO	Charger, for Short View Batteries
HVIDCC	"Capture vision" PCUSB Card, software, cables
RBVA	Optical Video Adapter
HSHR	Protection cover for LED camera
HPOL3STG-SM	Telescopic Lightweight Carbon Fibre Camera Pole 79cm – 140cm with Articulating Camera Head
HPOL3STG	Telescopic Lightweight Carbon Fibre Camera Pole 160cm – 360cm with Articulating Camera Head
HPOL26T	Telescopic Lightweight Carbon Fibre Camera Pole 190cm – 780cm with Articulating Camera Head
HPOLSTRAP	Poll carry strap
HCASE	Enhanced Carrying Case
HCASP	Waterproof "PELI" Case
HCASS	Standard Case



SnakeCam Technical Description

Display unit

- 5 in. (12.7 cm) full colour TFT-LCD
- 320 x 234 colour pixels
- Rotateable display
- Anti Glare screen
- Adjustable hand strap
- Three (3) level camera light control low-med-high + off
- Camera probe light control high/low
- External power port
- Video I/O port (composite)
- Water resistant

Display with audio & visual recorder

- Digital 5 in(12.7cm) color TFT LCD
- 640 x 480 color pixels
- Adjustable hand strap
- Three (3) level camera light control low-med-high + off
- SD card port
- jpg. image capture
- wav. audio capture
- USB2 port
- A/C power port (for optional externally continuous power)
- Video I/O port
- IP68 certified

General search LED Camera

- CCD Camera
- 1.2 in. (3cm) diameter
- Removable
- Sensitivity 10n lux
- Resolution 512x492
- Field of view 46°4 white light LED's
- Waterproof to 100 ft. (30m)

C Mount Camera

- Adapts Snake cam to Borescopes and Fiberscopes

Power systems

Battery power

- Up to 45 min continuous operation by each of 2 x 6v NIMH rechargeable batteries.
- Optional Belt pack, up to 6 hours operation.
- Fast Battery charger

Continuous power

- AC/DC adapter
- 12v Automobile adapter

General

- System Weight less than 3 lb. (1.4kg.)
- Video input /output NTSC, colour PAL, B/W

Power requirement

- AC nominal 100-240v
- DC nominal 12v

System operating temp

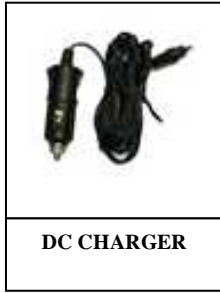
- -32°F to 122°F(0°C to + 50°C)



LATEST SEARCH ACCESSORIES



MAINS ADAPTER



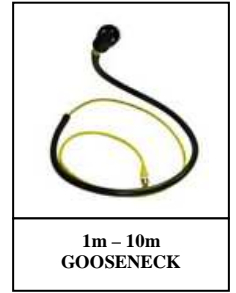
DC CHARGER



1.25m CABLE EXTENSION



9.25m - 30m CABLE EXTENSION



1m - 10m GOOSENECK



FINGER ADAPTER



46cm RIGID WAND



C MOUNT CAMERA



LED WATERPROOF CAMERA



IR CAMERA



LCD DISPLAY UNIT



SUN SHIELD HOOD



1 WATT TORCH + ADAPTOR



2 WATT TORCH + ADAPTOR



BELT BATTERY PACK



SHORT SEARCH BATTERIES



BATTERY CHARGER



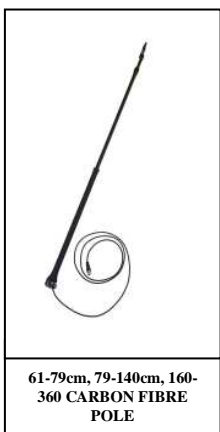
VIDEO SCART



PROTECTION COVER FOR LED CAMERA



2 WAY MICROPHONE SPEAKER AND POLE



61-79cm, 79-140cm, 160-360 CARBON FIBRE POLE



190cm - 780cm CARBON FIBRE POLE



WATERPROOF CASE



MINI VIDEO AND AUDIO RECORDER



WATERPROOF LCD DISPLAY WITH AUDIO/VISUAL RECORDING.



CARRYING CASE