



Steve Downer

SPECIALIST FILM MAKER + PHOTOGRAPHER

PRODUCTION CREDITS & EQUIPMENT LIST



I'm a Specialist Film and High Definition Video Lighting Cameraman and Director of Photography with credits on over 100 television programmes, and the winner of numerous awards for cinematography including two News & Documentary **EMMY's** for **Outstanding Individual Achievement in a Craft - Cinematographers** for the National Geographic film **THE LAST FROG**, and for ABC's Living Edens – **DENALI, ALASKA'S LAST WILDERNESS**. My National Geographic film **KING COBRA**, won an **EMMY** Award for **Outstanding Program Achievement** in 1998 and was nominated for **Outstanding Cinematography**. **BROADCAST** magazine listed me as one of the **HOT 100** television talents of the year in 2006.

I began freelancing in 1981, after spending three years as assistant cameraman and sound recordist to filmmaker Ron Eastman on BBC wildlife programmes and the classic children's feature film **TARKA THE OTTER**, and a year as a staff cameraman at London Scientific films working mostly on the groundbreaking macro special effects series **BELLAMY'S BACKYARD SAFARI**.

Since then I've worked as a freelance Cinematographer in locations across the world including North, South & Central America, Alaska, Canada, Europe, India, Nepal, Singapore, China, Japan, Africa, Arabia, Australia, Indonesia, Burma, and the High Arctic.

The prestigious series I have contributed to include the BBC's **PLANET EARTH**, **BLUE PLANET**, **WILDLIFE ON ONE**, and **THE NATURAL WORLD**, and National Geographic's **EXPLORER**, filming a diverse range of animals - from big cats, venomous snakes and Komodo Dragons, to the microscopic mites that live in the ear of a moth.

Since 2003 I've been diversifying my skills and have worked on numerous non natural history projects as Director of Photography / Lighting Cameraman including two independent feature films, five short films, three music videos, and over sixty corporate & web videos.

I have experience of shooting on many film and video formats, including **Super 35mm**, **Super 16mm**, **RED**, **HDCAM**, **HDCAM-SR**, **DVC PROHD**, **ALL-INTRA**, **HDV**, **AVCHD**, **DigiBeta**, **MiniDV**, and **DVCAM**.



SONY



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CREDITS / PROJECTS

A selection of TV and commercial projects contributed to from 1995 - 2014

2014

GODZILLA

Warner Brothers / Legendary. Supplied HD clip of slug embryo for use in the feature film.

PETER BASSETT MEDIA

Developing a natural history film, *My Life as a Slug Hunter*, for TV.

HIBU

Freelance regional video cameraman filming website commercials. ProHD on JVC HD110 & Panasonic GH3.

2013

ANIMALS ON BLUE

Freelance Senior Cameraman with specialist chromakey company operating RED EPIC S35 5K camera to film commercials, most recently for Eizo Monitors, and library footage of wild and domestic animals.

HIBU

Freelance regional video cameraman filming website commercials. ProHD on JVC HD110.

SAVE THE BEES CAMPAIGN , Environmental Justice Foundation / Pesticide Action Network UK

Donated HD footage of bees for use in the EJF and PANUK promotional video.

2012

AL AIN WILDLIFE PARK & RESORT PROJECT, Abu Dhabi, United Arab Emirates.

TwoFour Arabia. Specialist wildlife cameraman on HD cinema feature film and several interactive audio visual presentations for the Sheikh Zayed Desert Learning Centre. Studio & desert location filming using RED EPIC S35 5K.

ANIMALS ON BLUE

Working as freelance Senior Cameraman with specialist chromakey company operating RED EPIC S35 5K camera to film commercials and library footage of wild and domestic animals.

HIBU (formerly YELL.com)

Freelance regional video cameraman filming website commercials. ProHD on JVC HD110.

2011

ANIMALS ON BLUE

Working as freelance Senior Cameraman with specialist chromakey company operating RED MYSTERIUM-X 4.5K camera to film commercials and library footage of wild and domestic animals. Also working with a subsidiary of this company, **NOAH'S APPS** to develop websites and Smart Phone apps on animal subjects.

400 COMPANY

Specialist filming for a definitive video database of pest species for RENTOKIL. ProHD on JVC HD110.

YELL.com

Freelance regional video cameraman filming website commercials. ProHD on JVC HD110.

2010

AL AIN WILDLIFE PARK & RESORT PROJECT, Abu Dhabi, United Arab Emirates.

West Park Pictures. Specialist wildlife cameraman on HD feature film for the Sheikh Zayed Desert Learning Centre. HDCAM, Sony F900R.

ANIMALS ON BLUE

Working as freelance Senior Cameraman with specialist chromakey company.

BIZCLIP Inc / YELL.com / Touch Local

Freelance regional video cameraman filming website commercials. DV on JVC HD110

2009

THE SEASONS WITH ALAN TITCHMARSH

Tiger Aspect for ITV 1. Specialist Lighting Cameraman on 4 part High Definition Alan Titchmarsh series. Seasonal shooting from Autumn 2008 - Autumn 2009. HDCAM on Sony HDW F900R.

ANIMALS ON BLUE

Working as freelance Senior Cameraman with specialist chromakey company.

BIZCLIP Inc / YELL.com / Touch Local

Freelance regional video cameraman filming website commercials. DV on JVC HD110.

2008

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Tiger Aspect for ITV 1. Specialist Lighting Cameraman on 4 part High Definition Alan Titchmarsh series. Seasonal shooting from Autumn 2008 - Autumn 2009. HDCAM on Sony HDW 900R.

BIZCLIP Inc / YELL.com / Touch Local

Freelance regional video cameraman filming website commercials. DV on JVC HD110.

A TURTLE'S GUIDE TO THE PACIFIC

BBC. Contributing cameraman. Super 16

MY GENERATION

Project Monkey. Music video for British boy band, BILLIAM. ProHD on JVC HD110.

WINGS OVER WARMINGTON

Filmed, edited and wrote 52 minute promotional DVD for Fir Tree Falconry Centre. DV

ANIMALS ON BLUE

Filming tropical butterflies against blue screen using the new Arri D21 High Definition digital cinematography camera. HDCAM-SR 4:4:4.

IN THE WOMB - EXTREME ANIMALS

Pioneer Productions / Nat GeoTV. Filming of kangaroo joeys in their mother's pouches using endoscope probe. DVCPROHD. **Winner, Parthenon Entertainment Award for Innovation WILDScreen 2010**

2007

A MOMENT OF GUILT

Alex Lichtenfels/Steffan Aquarone. DOP on independent feature film shot in Birmingham. ProHD.

ANIMALS ON BLUE

Filming venomous snakes and birds of prey against blue screen using the Arri D20 High Definition digital cinematography camera. HDCAM SR 4:4:4.

NATURE OF BRITAIN

BBC. Filming freshwater invertebrates for Alan Titchmarsh series. ProHD on JVC HD110.

ANIMALS ON THE EDGE

Windfall Films. Filming unique footage of the young of the world's smallest mammal & rarest bat, the Bumblebee Bat. on location in Burma. ProHD on JVC HD110.

LAST CHANCE ROMANCE

SHhhh...Entertainment. Short surreal film shot on location on Stiffkey Marshes, Norfolk, ProHD.

Winner of Best Short Film Montebello d'Oro award, Corto E Mangiato Film Festival, Italy 2009

THE CRIMSON WING - MYSTERY OF THE FLAMINGOS

Kudos/Crimson Wing/Disney Nature. Assisted with filming & lighting specialist sequence of flamingo eggs hatching for Disney feature film. Super 35mm - Arri 435.

THE URBAN FREESTYLER EXTREME

Brick Lane Films. Camera operator on a series of 12 urban freestyle extreme sports videos filmed in London, Liverpool, Sheffield, Birmingham & Manchester. HDV / Canon XL H1.

60 DAYS OF GOODBYE POEMS OF OPHELIA / MICROCOSMOS

Wellcome Trust/Surrey University. Art installation project. The famous Pre-Raphaelite painting of Ophelia is recreated in coloured bacteria and using timelapse photography the image is seen to transform and decompose over a 60 day period. During the filming of **OPHELIA**, I also worked with microbiologist Dr.Simon Park to photograph digital still images of bacteria in extreme close up. The resulting images, set to music specially written by Milton Mermikides, Professor of Music Technology at the Royal College of Music, were used to create a stunning audio visual installation **MICROCOSMOS** shown during the Guildford Music Festival March 2007.

MACHINE

Letterbox Entertainment. Technical Advisor on music video for heavy metal band, **Rue the Day**.

SAUSAGES COME FROM PIGS

Market Square Creative Marketing. Promotional DVD for the UK Meat & Livestock Commission showing school children where their food comes from. DV on JVC HD110.

THE CHAUFFEUR'S HAT

Letterbox Entertainment. Camera operator on independent short film. DV on JVC HD110.

2006

ANIMALS ON BLUE

Filming a variety of animals against blue screen using the ARRI D20 High Definition digital cinematography camera. HDCAM SR 4:4:4.

NADINE

Matchstix Productions. Feature film for cinema, shot in ProHD on JVC HD110. Filmed on location in south London, the story of the final day in the life of a self-harming teenager.

SPRINGWATCH

BBC. Shooting macro DigiBeta footage of caterpillars, butterflies and spiders for for SPRING WATCH 2007.

COAST

BBC.Filming kittiwake behaviour with presenter Miranda Krestovnikoff around Bridlington. DVCAM

NATURE OF BRITAIN

BBC. Filming Super 16 macro footage of large blue butterflies hatching within an ants nest for the Alan Titchmarsh series.

INVASION OF THE BODY SCRATCHERS

Scream Films. Shooting macro HDV video footage of parasites for a 3-part SKY/BSB series.

SIGNING IN THE CITY OF LONDON

Corporate video and website material for Woodhouse plc showing the robotic manufacturing process used to produce signposts giving directions to London landmarks. MiniDV

HANS & STANLEY

Letterbox Entertainment /Tim Partridge. Independent short film shot on Super 16.

2005

SONY HDCAM SHOWREEL

High Definition material shot on HDW750P for Sony's HD showcase presentation at IBC 2005.

FORESTRY COMMISSION OSPREY CENTRE

Video of badgers & red squirrels for presentation at the Osprey Visitor Centre. MiniDV

WHAT'S SO GREAT ABOUT TURNER?

Pilot for a proposed television series bringing great art and artists to young people in a unique and entertaining way. MiniDV

GORGEOUS LABOUR OF LOVE

SHhhh... Entertainment. Surreal Victorian Gothic musical narrative of innocence corrupted. A ten-minute short shot on DigitalBetacam in locations around London. **Winner of Best Short Film Award, Dubrovnik International Film Festival 2006**

PLANET EARTH

BBC NHU. Filming birch tree defoliation in Abisko, Swedish Arctic. HD using Panasonic Varicam HDC 27FE.

LIFE IN THE UNDERGROWTH - The Silk Spinners

BBC NHU. Orb web spiders. **Winner, Granada Wild Award for Animal Behaviour, WILDScreen 2006**

2004

ATTACK OF THE GIANT GERBILS

Film Formations Singapore/National Geographic Channel Asia. A one-hour special about the plague of gerbils devastating the deserts of Xinjiang province, China. Filmed in extreme conditions in the Gobi Desert over a six-week period. Super 16/MiniDV/remote miniature cameras.

PLANET EARTH

BBC NHU. Filming deep ocean creatures, including the rare Vampire squid, in controlled conditions at Monterey Bay Aquarium Research Institute, California. HD on Sony HDW750P.

GREENER GRASS

Uber Films. Dark short drama for theatrical release. MiniDV.

LIFE IN THE UNDERGROWTH

BBC NHU David Attenborough series. Timelapse sequences, filmed over a three week period, of butterfly lifecycles. Video timelapse using Canon XL1s and Apple computer system.

ANIMAL PARK

Endemol /BBC. Filming specialist macro and remote camera sequences (including "Sheepdog Cam") & presenting in front of camera with Ben Fogle and Kate Humble. MiniDV.

FIRE SERVICE TRAINING VIDEO

Mike Bennett Associates. Filming training video at Severn Park Fire & Rescue Training Centre for Avon & Somerset Fire Service. MiniDV.

2003

DRAGONS ALIVE

BBC NHU. Blue chip series on reptiles. Filmed a large variety of species in India, Mali, Costa Rica, Bali, & Komodo, including King Cobra and Komodo Dragon. Super 16/MiniDV.

E SANAM

Corner Pocket Films. Director of Photography/Cameraman on a music video for the popular Indian singer, Kamaal Khan. Filmed on the streets of London and on a yacht on the River Thames. Released on MTV & music channels worldwide. Super 16.

RED SQUIRRELS

Red Alert charity/Center Parcs promotional video. MiniDV.

JOURNEY OF LIFE

BBC NHU. Timelapse sequences of swallowtail butterfly lifecycle. Video timelapse using Canon XL1s and FRAME THIEF capture software on Apple iMac computer system.

2002

ANIMAL CAMERA

BBC NHU. Contributing cameraman on a series showing how new technology can show animal behaviour in new ways. Developed deep focus lens system, and animal-mounted mini cameras.

THE BIG SQUEEZE

BBC NHU/Animal Planet. Filmed cyclorama title sequence of pythons and boas for this programme about constricting snakes. Super 16.

THE REALLY WILD SHOW

BBC NHU children's series. Filmed a series of stylised "animal dating classified ads" in which animals show off their best attributes to potential mates. MiniDV.

AN AREA OF OUTSTANDING NATURAL BEAUTY

Artangel. Filmed traditional map making at the London A-Z Company for artist Richard Wentworth's exhibition showing the changes taking place around London's Kings Cross area. MiniDV.

2001

WILDLIFE SPECIAL - SERPENTS

BBC NHU. Major contributing cameraman on a programme showing why snakes are so successful. Many of my sequences were filmed at high speed - 500 frames per second, including an eyelash viper catching a hummingbird and the world's fastest snake strike. Super 16.

2000

SNAKE HUNTER USA / SNAKE HUNTER CENTRAL AMERICA

Zebra Films/National Geographic. Snake behaviour cameraman on two programmes following herpetologist Rom Whitaker on snake hunting trips. **Winner of Best Presenter Led Programme Award at Wildscreen Festival 2002.** Super 16.

1999

PREDATORS

BBC NHU. Filmed for two programmes in this innovative series, including the sequences of giant Japanese hornets being "cooked to death" by honeybees, and a spider being willingly fed upon by her offspring. Super 16.

AFRICA'S DEADLY DOZEN

Tigress /National Geographic. Cameraman on a one hour special on Africa's deadliest snakes. Super 16.

MICRO FLYERS

Green Umbrella/WGBH-Nova. Filmed high speed insect flight, at 10,000 frames per second, for a documentary about man's attempts at building miniature flying machines. 16mm

1998

THE BLUE PLANET

BBC NHU. Four weeks filming coral sea life at a research centre on Lizard Island, Great Barrier Reef, Australia, including the spectacular annual spawning of the corals. DigiBeta.

SQUIRRELS UNDER SIEGE

BBC NHU - Wildlife On One. Three months filming Californian ground squirrels and their predators. Super 16.

LIVING BRITAIN

BBC NHU. Cameraman on Blue chip series about the natural history of the of the British Isles. Super 16.

1997

TOUGH DUCKS

BBC NHU - The Natural World. Filmed the UK behavioural sequences of this one hour film about the diverse and inhospitable places ducks inhabit, including underwater footage of eider ducks.

EXPLORING THE HIGH FRONTIER

OSF/National Geographic. Filmed high canopy invertebrates in Costa Rica for this multi-award winning documentary **Nominated for the 2000 EMMY Award for Outstanding Cinematography.** Super 16.

WHERE LEMMINGS DARE

BBC NHU - Wildlife On One. Two weeks filming lemming behaviour above and below the frozen tundra in Alaska. Super 16

1996

KING COBRA

Zebra Films/National Geographic. Five months in southern India filming the life of the world's largest

venomous snake, which can reach 18 feet in length and has venom potent enough to kill an elephant.
Winner of the 1998 EMMY Award for Outstanding Program Achievement and nominated for Outstanding Cinematography. Super 16.

1995

THE LIVING EDENS - DENALI, ALASKA'S LAST WILDERNESS

ABC/Kane. Specialist macro cameraman. **Winner of 1997 EMMY Award for Outstanding Achievement in a Craft - Macro Cinematographer.** Super 16.

OWN EQUIPMENT

(Other equipment hired in / provided by client depending on required format)

DIGITAL CINEMATOGRAPHY VIDEO CAMERA (HDV PROHD 720p)

JVC GY-HD110E 16:9 High Definition 3 CCD camcorder. HDV1 720p progressive PAL.

FUJINON Th16x5.5BRMU zoom lens. with Fujinon 0.8x wideangle adaptor.

JVC / Nikon lens mount adaptor for fitting specialist telephoto and macro lenses..

7" 16:9 portable field monitor

Also shoots 16:9 or 4:3 standard DV PAL, & HDV 60/30 NTSC

DIGITAL CINEMATOGRAPHY HYBRID VIDEO CAMERA HD 1080 (50p, 50i, 25p, 24p), 720 (50p)

PANASONIC LUMIX GH3 Hybrid video / stills camera, 16 megapixel 4/3 format sensor.

Shoots H.264 (QuickTime), AVHD, & MPEG4 video with maximum bitrate of 72Mb/s (MOV H.264, ALL-Intra, 1080 25p, 8 bit 4:2:0). Built in 4K time lapse facility, clean HDMI out signal for external recorder.

Built in loss-less 2.4X teleconverter function.

SPECIALIST / MINI / POV HDV CAMERAS

SAMSUNG HMX R10 16:9 HD camcorder. 1/2.33" 5.3MP CMOS. MPEG-4.AVC / H.264 compression, shoots 1920 x 1080 HD (1080p / 1080i / 720p) to SDHC card. Also shoots 1080p timelapse with 1, 3, 5, 10, 15, 30 secs between frames. Excellent macro facility.

PANASONIC LUMIX GF1 12.1 megapixel stills / AVCHD video camera. 4/3 format sensor. Shoots 16:9 HD 1280 x 720p to SDHC card. With mounts for micro 4/3, C mount, Nikon and Olympus OM lenses.

POST PRODUCTION HDV WORKFLOW - JVC HD110 / Lumix GH3, GF1 / HMX R10

For editing I can convert the .M2T and MPEG-4 8 bit 4:2:0 files from these cameras to 10 bit 4:2:2 CINEFORM .AVI files using Cineform NeoScene software.

RED EPIC S35 DIGITAL CINEMATOGRAPHY CAMERA 5K

Through my working relationship with **ANIMALS ON BLUE Ltd** I have access to a **RED EPIC S35** camera system, which can be hired at preferential rates with myself as camera operator. The camera is fitted with a BNCR lens mount and the kit includes ZEISS DISTAGON 16mm, BAUSCH & LOMB 25mm,35mm,50mm & 75mm prime lenses and a LEICA ELMAR 100mm macro.

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AUDIO

TASCAM DR-60D 4 Track Stereo / Mono Field Recorder 44.1/48/96 kHz 12/24bit WAV / BWF. SD/SDHC
RODE NTG-1 microphone & boom, DeadCat wind cover. phantom power XLR
RODE VIDEOMIC microphone. 3.5mm or XLR
VIVANCO EM216 cardioid condenser lapel microphone. 3.5mm or XLR
AUDIO TECHNICA ATR 3350 lavalier condenser lapel microphone. 3.5mm or XLR
KOSS PORTAPRO headphones.

STILLS / TIMELAPSE CAMERAS - DIGITAL SLR / MIRRORLESS

SONY ALPHA 700 12.3 megapixel APS-C format. RAW/JPEG 4272 x 2848 20mb RAW files
Timelapse remote release. Radio remote release. Adaptor for NIKON lenses. Right angle viewfinder. METZ
36-AF digital flash.
PANASONIC LUMIX GH3 16.1 megapixel Micro 4/3 format RAW/JPEG 4608 x 3456 18mb RAW files
PANASONIC LUMIX GF1 12.1 megapixel Micro 4/3 format RAW/JPEG 4000 x 3000
With adapters for Four Thirds, C mount, NIKON and OLYMPUS OM lenses. Radio remote release.
OLYMPUS E1 5 megapixel 4/3 format. RAW/JPEG/TIFF 2560 x 1920 11mb RAW files
OLYMPUS E400 10 megapixel 4/3 format. RAW/JPEG 3648 x 2736 22mb RAW files
NIKON lens mount adapter.

LENSES

SONY A Mount

SONY DT **16-105mm** f3.5 - 5.6 lens (24 – 160mm 35mm equivalent)
SONY DT SAM **55-200mm** f4 - 5.6 lens (82 - 300mm equiv)
SIGMA APO macro **70-300mm** f4 - 5.6 lens (105 - 450mm equiv)
SONY MACRO DT SAM **30mm** f2.8 (45mm equiv)
SIGMA EX **50mm** f2.8 macro lens (75mm equiv)
AF macro extension tubes

PANASONIC/OLYMPUS Micro Four Thirds Mount (for GH3, GF1)

PANASONIC LUMIX G **14mm** f2.5 lens (28mm equiv)
SIGMA EX DN **30mm** f2.8 lens (60mm equiv)
OLYMPUS M ZUIKO Digital **14-42mm** f3.5-5.6 ED lens (28-84mm equiv)
PANASONIC DMW MA-1 Four Thirds to Micro Four Thirds adapter
OLYMPUS MMF-2 Four Thirds to Micro Four Thirds adapter

OLYMPUS OM Mount (can be used on GH3, GF1)

OLYMPUS ZUIKO MC **50mm** f1.8 lens
TOKINA RMC **28mm** f2.8 lens

OLYMPUS Four Thirds Mount (can be used on E1, E400, GH3, GF1)

OLYMPUS ZUIKO **14-54mm** f2.8 - 3.5 lens. (28 - 108mm 35mm equiv)
OLYMPUS ZUIKO **17.5-45mm** f3.5 - 5.6 lens. (35 - 90mm 35mm equiv)
OLYMPUS ZUIKO **40-150mm** f4 - 5.6 lens. (80 - 300mm 35mm equiv)
SIGMA DC **55-200mm** f4 - 5.6 lens. (110 - 400mm 35mm equiv)

NIKON F Mount (can be used on JVC HD110, GH3, GF1)

NIKON MICRO NIKKOR **55mm** f2.8 macro
NIKON MICRO NIKKOR **60mm** f2.8 macro

SIGMA EX **105mm** f2.8 macro
NIKON IFED **300mm** f4.5 with 2X extender (**600mm**)
Extension tubes for macro lenses

LENS SYSTEM - DEEP FOCUS

Own design Macro/Borescope/Periscope deep-focus lens system. Can be mounted to Panasonic GH3, Samsung R10 & JVC HD110. Uses C-mount 3mm, 4mm, 6mm, 8.5mm, 16mm lenses.

LENS SYSTEM - MICROSCOPY

LEICA HI Plan 4X infinity microscope lens system with focussing slide. Can be mounted to Panasonic GH3 to film subjects from 8.5mm to 2mm frame width.

4K, 3K, 2K HIGH DEFINITION TIME LAPSE - DIGITAL STILL CAMERA SYSTEM

Capture to memory card or computer hard drive, using Panasonic GH3, Sony A700, Olympus E1 and E400 digital cameras. Frames are captured at 4608 x 3456, 4272 x 2848, 3648 x 2737, 2560 x 1920 pixels

TRIPODS & HEADS

MANFROTTO 510 100mm bowl fluid head. Tall & short tripod legs.

MANFROTTO 502 Bridge Technology 75mm bowl fluid head & legs.

RED SNAPPER stills tripod. Camera saddle. Suction & clamp camera mounts.

NINJA radio controlled remote pan & tilt head for use with small HD camcorder. Can be programmed to repeat moves. 180 degree pan, 32 degree tilt up, 38 degree tilt down.

CAMERA STABILISER

AGORFA EasyCam camera stabiliser for Panasonic Lumix GH3, GF1.

REMOTE PAN & TILT HEAD (for Time Lapse filming using digital stills camera)

ACUTER MERLIN remote pan & tilt head. 6 programmed speeds, with ultraslow speeds suitable for timelapse filming. At slowest speed (Sidereal) can keep track with movement of the earth. Can also be operated in the field by laptop PC USB connection for infinitely variable & repeatable moves.

THE TORTOISE - REMOTE ROBOTIC VEHICLE FOR LOW LEVEL TRACKING WITH GH3, GO-PRO, etc

Tracking device based around ROVER 5 robot chassis. Can be used on floors, short grass. Can be fitted with remote pan & tilt head.

COMBINATION MOTORISED MACRO FOCUSING RAIL & MICRO TRACKING UNIT

Device for tracking camera forwards/backwards, left/right or up/down at a macro or micro level. Motorised with adjustable speed.

LIGHTING

ARRI & **IANIRO** 800 watt redheads (3)

LED 12 volt cold lights for macro filming (10)

SCHOTT KL1500T fibre optic unit & flexible light guides for macro filming.

PAG C6 20/30watt camera mounting video light. Gives approx 2 ¼ hours use from 6v battery.

CN126 Camera or stand mounted 126 LED light panels with dimmer (2)

METZ, **SUNPAK** & **VIVITAR** portable electronic flash units.

INTERFIT Stellar 300 studio flash head head with soft box.

BOWENS 400 studio flash heads (2)

FILTERS Matte box & a variety of **COKIN** P & A size ND, Polarizing, Graduated & Effects filters.

FOLLOW FOCUS Friction follow focus unit for DSLR / Mirrorless size cameras.

REMOTE CONTROL

Infrared beam trigger unit for Sony A700, Panasonic GH3, GF1, Olympus E400, Olympus E1.

Radio remote control units for Panasonic GH3, GF1, Sony A700.

POST PRODUCTION HARDWARE / SOFTWARE

ACER Aspire 6930G 16" laptop.

CINEFORM NEOSCENE HDV/AVCHD capture/conversion software. Converts 8 bit 4:2:0 files to 10 bit 4:2:2.

SONY VEGAS MOVIE STUDIO HD Platinum 12, for editing HDV/AVCHD footage with realtime playback.

SONY DVD ARCHITECT SONY SOUNDFORGE AUDIO STUDIO ADOBE Photoshop Lightroom 4.4

ADOBE Photoshop Elements 7.0

ANTHROPICS TECHNOLOGY Portrait Professional 12

VEHICLE **SUZUKI** JIMNY VVT 4x4 All Terrain.