

## AustBat Microbat Harp Traps

Developed and refined over a 25-year period, the AustBat Harp Trap name is synonymous with trapping efficiency, build quality and field-friendly features. Constructed from selected high quality materials, our designs offer ease and speed of assembly, light weights, corrosion resistance and general robustness.

We produce two, three and four bank Harp Traps, in a range of sizes. Catching bags can be ordered in traditional natural poly cotton or our synthetic rot-proof "Troppo" bag. Traps are fully strung and complete with guy ropes and user manual. Transport options include lightweight carry bags, or the robust and watertight heavy duty cartage tube.



Standard Two Bank Harp Trap



Hipposideros



Three Bank Trap



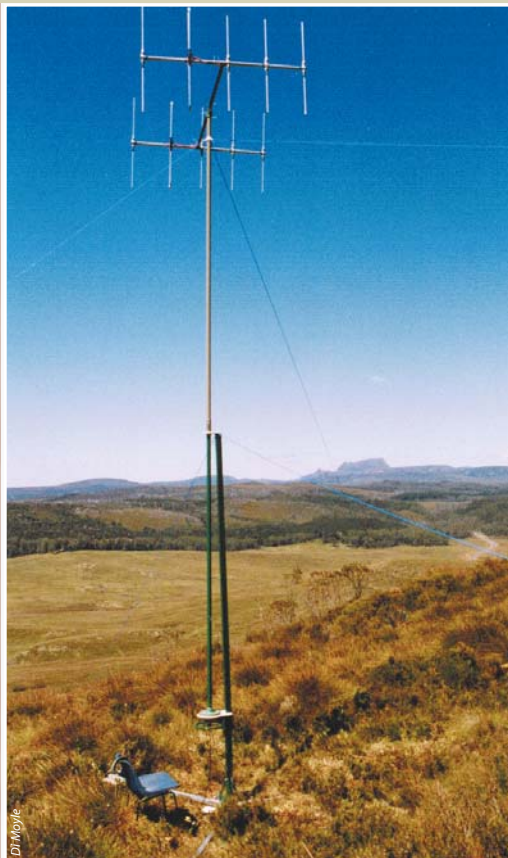
Mini Harp Trap



Three Bank/Troppo Bag



Four Bank Harp Trap



## Professional Spotlighting Series >

Our "Spot-On" battery pack is tough yet comfortable, suited to occasional nature walks through to long and rigorous spotlighting sorties or cave explorations.

A fully padded and adjustable waist belt is the key to the Spot-On's comfort, despite its generous 18 ampere hour capacity.

Our quartz halogen handheld spotlight is available in fixed output, or our "Vari-Spot" variable wattage version (5-100 watt).

Varying the intensity of the light addresses animal welfare issues, while greatly increasing field efficiency when compared to red filter systems. For convenience, the spotlight plugs in at a quick connect socket right at your hip.



## < Hair Funnel and Wafer

The Hair Funnel is a device designed to capture mammalian hair on a specially developed sticky sampling wafer. Subsequent analysis of the captured hair sample enables reliable identification of many species of small to medium mammal.

The "one size fits all" design obviates the need for three or four sizes of conventional "hair tubes" to cover a practical range of animal sizes. The Hair Funnel is designed to be a very cost effective and reliable alternative to live mammal trapping. The device may be left deployed at a field site for an extended period, as distinct from conventional trapping techniques where frequent visitation is required to ensure the welfare of animals.

## < Telemetry Equipment

Faunatech has developed a range of fixed and mobile telemetry towers suitable for wildlife radio tracking studies. Refined over many years, they feature high signal gain, accuracy, ease of use, robustness and corrosion resistance.

We also specialize in highly ergonomic and durable VHF transmitter packages.

Visit [www.faunatech.com.au](http://www.faunatech.com.au) for individual transmitter detail.



## < Owl Broadcast Megaphones

We mate a recordable MP3 player to a high quality Toa megaphone for use in animal vocalization call-back studies.

Two models of megaphone are offered: our standard 15 watt model (pictured), or the compact 6 watt mini unit.



## Nest View Video System ^

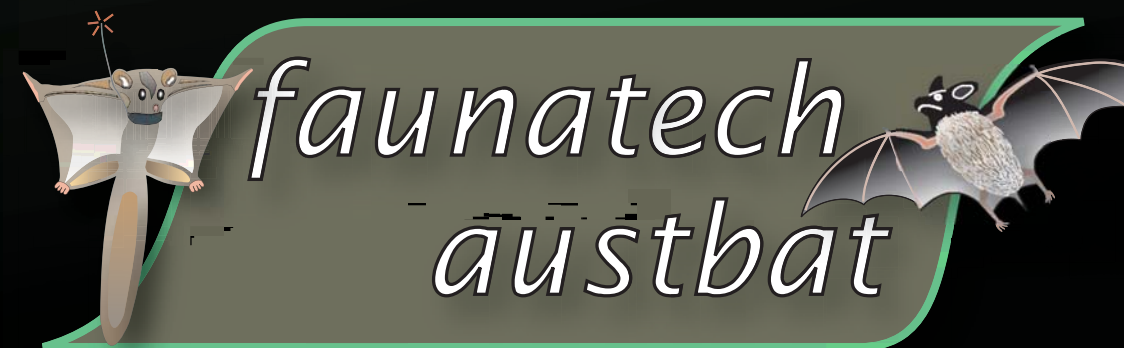
Our nest view video recording system allows fast and safe inspection of nests, tree hollows and nest boxes. Supplied with a fibreglass/carbon fibre pole of up to 9 metres. The tilt adjustable camera head is available in infra-red or white light versions.

For burrow inspection applications Faunatech offers a range of options, from economical video inspection tools through to high end optic fibre borescopes with 4-way steerable tips.

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[www.faunatech.com.au](http://www.faunatech.com.au)

Innovative wildlife research equipment



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# WILDLIFE SURVEILLANCE CAMERAS

In addition to producing our own FaunaFocus cameras, Faunatech supplies and supports several brands from selected manufacturers. As with all of our products, Faunatech provides generous technical support, warranty and ongoing advice with these cameras.

## FaunaFocus Digital Wildlife Surveillance System



FaunaFocus and RockPod Mount System



FaunaFocus FF120



External Active IR Sensor



Our own brand FaunaFocus FF120 wildlife surveillance camera has been designed from the ground up for remote and extended fauna surveillance programs. While packed with features, it is user-friendly to the operator.

An Infra-red pre-illuminator and IR flash enable covert night time photography with minimal disturbance to target fauna. The FaunaFocus is designed as an expandable platform, enabling customization to meet specific project needs. An extensive range of internal or external sensors, power options and mounting systems are offered.



## BuckEye Cam Wireless Surveillance Camera System

Designed primarily to transmit images wirelessly, BuckEye Cams greatly reduce field time and personnel costs while offering great versatility and performance. Wireless transfer can occur either locally between up to 256 cameras and a base device, all on a licence free basis. Alternatively, a cellular base will send images from an entire camera cluster to a home base over Telstra Next-G on a single data plan.

BuckEye Cam is of military quality and offers great functionality for demanding field deployments. Trigger response speed and PIR efficiency are amongst the best in the business. All models feature fully covert IR illuminators. Faunatech is the sole Australian distributor for the BuckEye Cam range. We hold stocks of several models and accessories, handle warranty and repair, plus offer custom designed turn-key project based systems.



Orion Long-range Wireless Camera

## Reconyx HyperFire Surveillance Cameras

The Reconyx is recognised as an industry leading trail camera, featuring very fast trigger speeds, an impressive burst mode, high efficiency and dependable operation. All models feature state-of-the-art PIR motion detectors. Illumination is by high efficiency LED technology, either in infra-red (covert or semi covert), or white-light for full colour night shots.

Available in wildlife specific or security variants.



HC500 Wildlife Camera



SC950 Security Camera

## Scout Guard Surveillance Cameras



Scout Guard SG550V



Black-light DTC560K

Scout Guard offers an impressive range of capable and compact trail cameras, bringing together a suite of desirable features and performance at a very cost effective price. With shutter response across the range at around 1.2 seconds and rapid recovery time, Scout Guard specs are far superior to many larger and more expensive trail cameras.

Faunatech stocks, warrants and services several models, from the stalwart SG550V, the higher spec KG680V, the white light DTC565 and the totally covert ("black light") DTC560K. Battery life is truly impressive, enabling several months of operation on a single set of AA batteries.

## Specialty FaunaFocus Applications



Land Bridge Fauna Crossing Camera Station



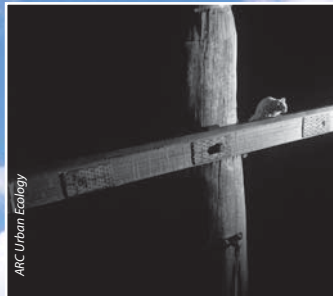
Fauna Underpass Camera / Security Housing

Faunatech specialises in the development of integrated systems to meet emerging ecological and engineering problems.

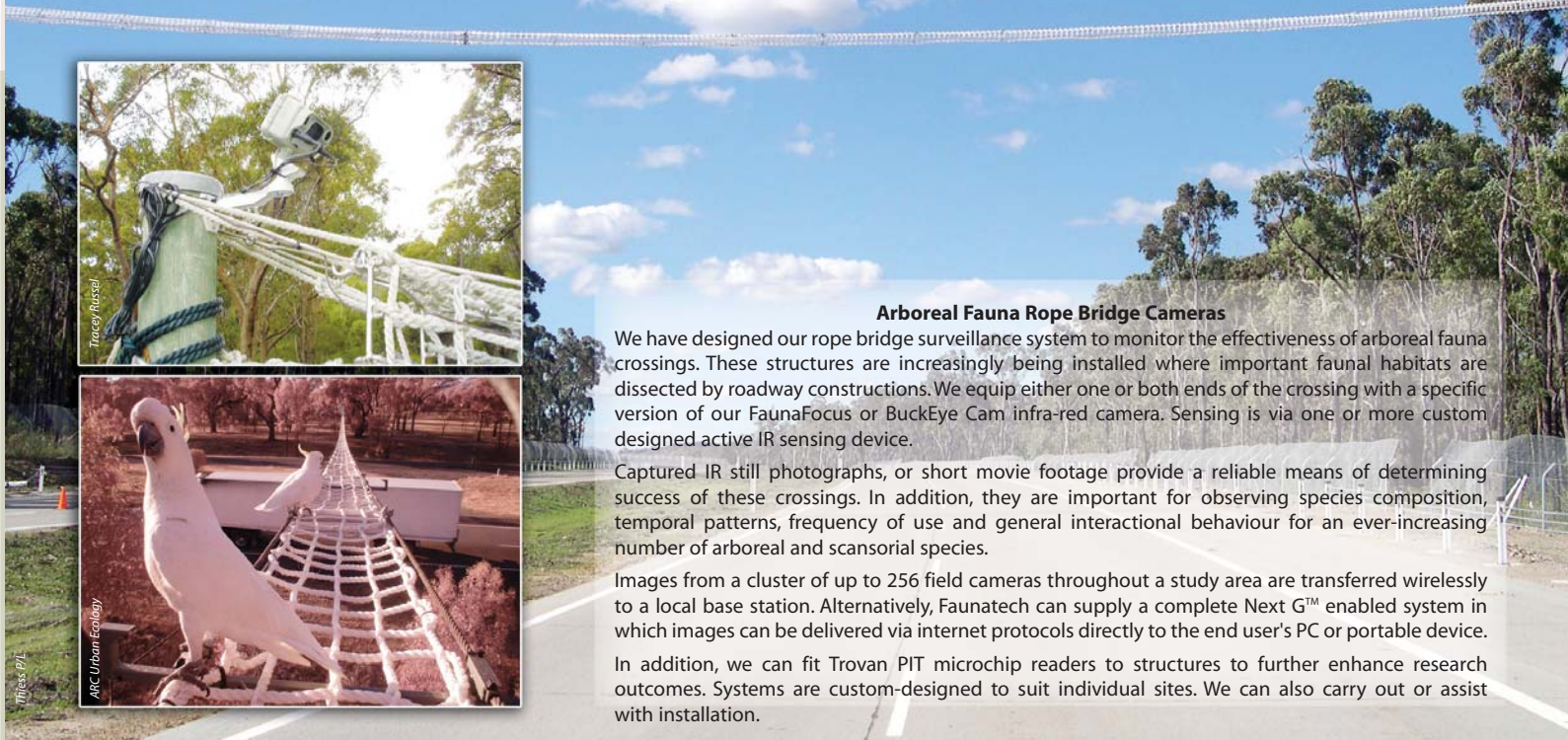
We do this by bringing together a suite of technologies, fresh ideas and components. We have many years' experience in the design, manufacture and implementation of specialised faunal surveillance systems, such as those shown here.



Micro Insect Sensor Coupled with FaunaFocus



Arboreal fauna on the move



### Arboreal Fauna Rope Bridge Cameras

We have designed our rope bridge surveillance system to monitor the effectiveness of arboreal fauna crossings. These structures are increasingly being installed where important faunal habitats are dissected by roadway constructions. We equip either one or both ends of the crossing with a specific version of our FaunaFocus or BuckEye Cam infra-red camera. Sensing is via one or more custom designed active IR sensing device.

Captured IR still photographs, or short movie footage provide a reliable means of determining success of these crossings. In addition, they are important for observing species composition, temporal patterns, frequency of use and general interactional behaviour for an ever-increasing number of arboreal and scansorial species.

Images from a cluster of up to 256 field cameras throughout a study area are transferred wirelessly to a local base station. Alternatively, Faunatech can supply a complete Next G™ enabled system in which images can be delivered via internet protocols directly to the end user's PC or portable device.

In addition, we can fit Trovan PIT microchip readers to structures to further enhance research outcomes. Systems are custom-designed to suit individual sites. We can also carry out or assist with installation.

# WILDLIFE ACOUSTICS PRODUCTS

## Song Meter & Echo Meter Audio / Ultrasonic Recorders

Wildlife Acoustics has brought the very latest signal processing technology to the world of animal audio recording. The range includes Song Meter passive devices (ie for long-term autonomous operation) covering everything from whales, insects, birds and terrestrial mammals through to microbats. For active monitoring of bats, the feature-packed EM3 Echo Meter enables ultrasonic monitoring and recording at a fraction of the cost of legacy products.

In addition to hardware, Wildlife Acoustics has developed sophisticated software to assist in the autonomous identification of animal calls, covert files between various popular formats and even to support transmission of field recordings automatically via mobile phone networks.

Faunatech is the sole Australian distributor for Wildlife Acoustics products. We hold stock, provide setup and configuration assistance, offer warranty and repairs, plus build custom accessories for the range.



Echo Meter EM3 Hand-held Bat Detector



Song Meter SM2BAT+

### Directional Horn Mic Adaptor



### SM2 Microphone Protector



### Power Accessories



### SM2 Locking Mechanism



### SM2M Marine Recorder

