

VHF PULSE COLLAR



Animal tracking has over 25 years of experience building telemetry equipment, including very high frequency (VHF) pulse collars for birds, reptiles and mammals. Depending on the species of animal, our wide range of collars can be customised with sensors for mortality, movement activity and temperature.

EcoKnowledge is able to supply additional tracking equipment as part of a custom package. We build robust direction-finding antennas (Yagis) for towers and aircraft, as well as field-based hand-held Yagis. We can also provide single sideband (SSB) radio receivers, which have a good signal-to-noise ratio and are suitable robust for the field.

DATA LOGGER COLLAR



There are currently two data loggers in our range. the RX3-S is the smallest data logger in our range, designed for mammals greater than 2.2Kg, followed by the RX3-SM which is suitable for mammals greater than 5.7Kg. We offer a wide range of optional features to customise collars for specific applications, such as automated timed release.

The GPS data logger range can store over 9,000 positions, with the option to download by the user or returned to EcoKnowledge for download once the collar has been retrieved (default model). Our leading-edge technology includes ultra-low power consumption for collecting location data, in order to help maximise battery life.

GPS SATELLITE COLLAR



We design and manufacture GPS satellite collars suitable for wild animals, pests and livestock. These collars operate by sending GPS data to a communications satellite and back to our central database via the global iridium network. Our GPS satellite collar range gives the user the flexibility to change transmission settings via a secure personal login on the Animal Tracking website. Our web interface has fully customisable data fields, which allows the user to map animal positions and movements as well as output statistics in a variety of formats. All location data are stored on our server for the life of the collar, and can be downloaded as a database file at any time. Movement statistics relating to the distance travelled and average speed are available at intervals of days, weeks, years or across the total operational timeframe of the collar. Users can obtain the latest data within 30 minutes of any position fix.