



DataSika

Datalogging Receiver



- **Designed with decades of logging expertise**
- **Made affordable for start-up projects and large networks**
- **Improved by enclosing in a rugged, waterproof case**
- **Comes with a 2 year warranty**

The DataSika is intended for studies that involve autonomous data collection (datalogging), e.g. presence/absence at sites or activity periods.

Perfect for studies such as predator visits, hunting periods, central place foraging, migration departure dates, mortality events, hibernation emergence, territorial patrolling, etc.

The DataSika has peak channel sensitivity over a full 4 kHz frequency band. This means that even if the tag frequency varies within 2 kHz of the selected nominal frequency, (e.g. with changing temperature) your DataSika will still detect the signal; providing your study with greater detection consistency over a wider frequency band than any competitive telemetry receiver.

Specialists in Animal Radio Monitoring

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DataSika Datalogging Receiver

Models available:

DataSika B

20 frequencies for detecting and recording traditional beeper/pulsed transmitters.

DataSika C5

Five frequency channels for logging up to 521 coded transmitters on each channel.
Two frequencies may be used to detect and record coded sensor transmitters; temperature, pressure or motion.

DataSika C

The most economical model. One frequency channel capable of detecting and recording up to 521 uniquely coded ID transmitters.

- User-friendly software for easy set-up and data recovery via USB or RS232 port.
- Adjustable detection distance with programmable gain.
- Confirm operation and tag detection in the field with LED Display and operating instructions on the front panel.

The DataSika is enclosed within an easily portable case and includes all necessary power and communication cables. Please note power supply and antenna are not included.

Specifications

Data Memory Storage 4 Mb
Capacity: >250,000 records

Size: 27cm x 25cm x 13cm
Weight: 1.4kg / 3.1lbs.

Operating Voltage Range: 11 - 16 V DC

Operating Current: <160ma@12V

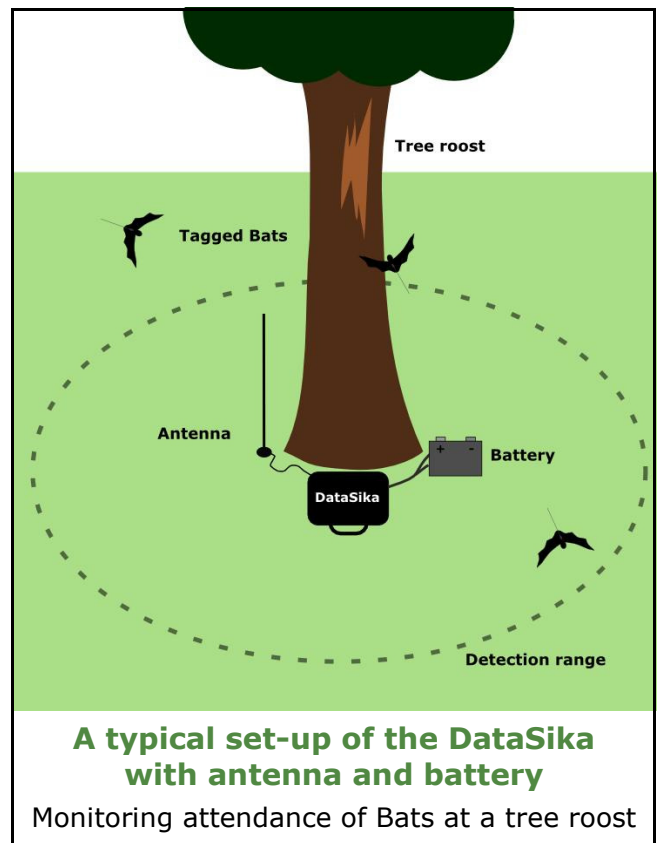
Operating Frequency Range: 4 MHz Band

Channel Spacing: 1 kHz

Frequency Stability: 5 ppm

Minimum discernible logging sensitivity: 135 dBm

Dynamic Gain Control Range: 90 dB



Data from the DataSika includes the pulse rate and signal strength for each record; allowing you to assess the activity of the animal without the need for activity sensing in the tags. As the pulse rate is recorded, temperature can also be logged from temperature sensing beeper tags.

The DataSika is also available with two antennas for a greater detection area, or for detection in 2 directions.