

• **YGYbgY9 Uf H5 ; GdYVZWLjcbgž: 77 -8.5 A1 H\$(**

% ; YbYfU XYgW]dHcb

eSencse Ear TAG is a unit mounted on animal ear, used for the following:

1. Identification of animal using 2.4GHz transceiver and/or NFC reader unit.
2. Measure various animal parameters, processes and transmit them via 2.4 GHz to the base unit (BU500/E).

The tag transmits a 4ms message every few minutes.

Outdoor installation, sealed unit, powered from internal 3.6V battery.



& & ; \ N Hf UbgW]j Yf DUfUa YhYfg

RF Transceiver: Atmel AT86RF233

RF Frequency: 2.405-2.48GHz

Modulation type: QPSK

RF Channels: 5MHz separation 16ch

Baud Rate: 250K Bit/Sec (Not configurable)

Output power: 3.5dBm max

Antenna type: PCB Omni-directional

Antenna gain: Average 0dBi (Max gain: 1.5dBi)

Average RF data: 3 messages/hour, 1mSec/message, ~30bytes/message.

B: 7 DUfUa YhYfg

Utilizing DUggjj Y internal NFC High Frequency inlay (IC and Antenna) complying with the following standards

- ISO/IEC 15693-2, -3
- ISO/IEC 18000-3 Compliant
- 13.56-MHz Operating Frequency