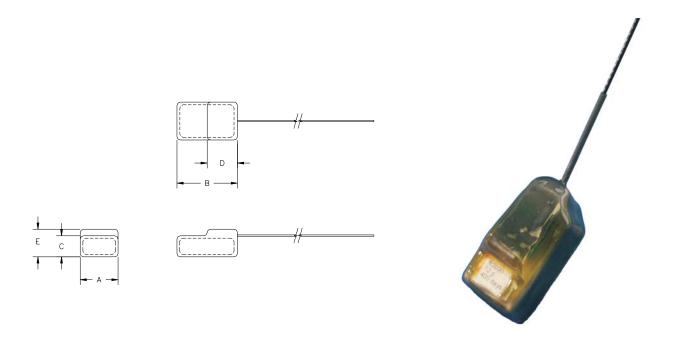
## ADVANCED TELEMETRY SYSTEMS

## REPTILE GLUE ON

## Series R2000



## **Technical Specifications**

Transmitter type: Crystal controlled 2-stage

Calibration tolerance:  $\pm 2.5 \text{kHz}$ 

Frequency stability:  $\pm 2.5 \text{kHz}$ ,  $-20^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ 

Pulse rate and width: Typical on time 20ms, off time 1100ms (controlled by uC) Pulse rate variation:  $0.01\%/\text{volt}, \pm 0.01\%$  for temperatures  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ 

Battery: Lithium

Activation: By removing magnet

Encapsulation: Electrical resin, water-proof, specific gravity: 1.12

MODEL	BATTERY	BATTERY CAPACITY (days)			DIMENSIONS (mm)					WEIGHT (grams)	PRICE GROUP
	3.5V	35 ppm*	40 ppm	55 ppm	A	В	С	D	Е		
R2010	3PN	250	182	140	18	21	8	15	14	10	В
R2020	7PN	535	390	299	18	31	8	15	14	12	В
R2030	16M	1156	843	647	25	44	9	15	15	24	В

<sup>\* 15</sup> ms pulse width

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity.