

TURTLE



TXB-003G



TXE-124G



TXE-315S



TXB-207S

Transmitters are attached on the carapace, and can be either Glued or Screwed.

GLUE:

The length of time the transmitter will remain on the animal before falling off depends on the specie and type of glue used. A good gluing technique and material can make the transmitter stay for years.

SCREW:

For long term studies a screw model is more advisable. Stainless steel screws and security nuts are used. Other materials can be used so they will degrade and release over time.

The following tables show:

- Glue units with an estimated battery life of less than 2 years. For the entire list of Glue models please download the file found at www.telenax.com/English/Products/Glue.pdf

- Screw models of more than 15 grams. For larger models please download the file found at <http://www.telenax.com/English/Products/Screw.pdf>

GLUE	Model	Weight [gr]	Housing dimensions [mm] (dia=diameter)	RANGE vs LIFE			PRICE
				Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
	TXB-001G	0.6	11x7x6	4	14 D	25 @ 40	A
	TXB-002G	0.7	12x7x6	4	20 D	25 @ 40	A
	TXB-003G	0.8	12x7x6	4	28 D	25 @ 40	A
	TXB-004G	0.9	13x7x6	4	35 D	25 @ 40	A
	TXB-005G	1.4	15x9x7	4	50 D	25 @ 40	B
	TXB-006G	1.8	17x9x7	4	80 D	25 @ 40	B
	TXB-007G	3	19x10x10 -o- 10diax17	4	4 M & 15 D	25 @ 40	A
	TXB-008G	4.4	26 x 14 x 8	4	7 M & 5 D	25 @ 40	A
	TXB-009G	5.2	26x14x9	4	10 M & 25 D	25 @ 40	A
	TXB-110G	2.2	20 x 9 x 7	20	27 D	25 @ 40	A

Model	Weight [gr]	Housing dimensions [mm] (dia=diameter)	RANGE vs LIFE			PRICE
			Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXE-110G	2.4	20 x 11 x 7	30	9 D	30 @ 40	A
			25	14 D 20 D	20 @ 40 20 @ 30	
TXB-112G	2.7	15 x 14 x 8	20	45 D	25 @ 40	B
TXE-112G	2.9	15 x 16 x 8	30	15 D	30 @ 40	B
			25	22 D 28 D	20 @ 40 20 @ 30	
TXB-116G	4.7	18dia x 9 -o- 27 x 18 x 7	20	4 M	25 @ 40	B
TXE-116G	5.1	18dia x 11 -o- 29 x 18 x 7	30	31 D 45 D	30 @ 60 30 @ 40	B
			25	65 D 85 D	20 @ 40 20 @ 30	
TXB-120G	6	21 dia x 9	20	7M & 10 D	25 @ 40	B
TXE-120G	6.7	21 dia x 10	30	50 D 73 D	30 @ 60 30 @ 40	B
			25	3 M & 15 D 4 M & 15 D	20 @ 40 20 @ 30	
TXE-203G	8	19 x 19 x 14	30	70 D 3 M & 10 D	30 @ 60 30 @ 40	D
			25	4 M & 25 D 6 M & 5 D	20 @ 40 20 @ 30	
TXE-304G	8.5	12dia x 34	30	95 D 4 M & 15 D	30 @ 60 30 @ 40	C
			25	6 M & 15 D 8 M & 10 D	20 @ 40 20 @ 30	
TXE-207G	13.5	20 x 29 x 13	30	5 M 7 M & 7 D	30 @ 60 30 @ 40	D
			25	10 M & 10 D 13 M & 10 D	20 @ 40 20 @ 30	
TXE-124G	13.5	27dia x 11	30	3 M & 25 D 5 M & 15 D	30 @ 60 30 @ 40	C
			25	7 M & 25 D 10 M	20 @ 40 20 @ 30	
TXE-125G	17	27dia x 14	30	6 M & 20 D 9 M & 20 D	30 @ 60 30 @ 40	C
			25	13 M & 25 D 17 M & 20 D	20 @ 40 20 @ 30	
TXE-311G	17	17dia x 40	30	9 M & 20 D 14 M	30 @ 60 30 @ 40	D
			25	19 M & 20 D 2 Y & 20 D	20 @ 40 20 @ 30	
TXF-311G	17	17dia x 40	40	6 M 8 M & 25 D	50 @ 60 50 @ 40	D
TXE-315G	27	17dia x 68	30	21 M & 5 D 2 Y & 6 M	30 @ 60 30 @ 40	D
			25	3 Y & 6 M 4 Y & 6 M	20 @ 40 20 @ 30	
TXF-315G	27	17dia x 68	40	13 M 19 M	50 @ 60 50 @ 40	D
Model	Weight [gr]	Housing dimensions [mm] (dia=diameter)	RANGE vs LIFE			PRICE
			Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	

SCREW

Model	Weight [gr]	Housing dimensions [mm] (dia=diameter)	RANGE vs LIFE			PRICE
			Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXE-203S	16	19 x 19 x 14	30	70 D	30 @ 60	D
				3 M & 10 D	30 @ 40	
			25	4 M & 25 D	20 @ 40	
				6 M & 5 D	20 @ 30	
TXE-304S	16.5	12dia x 34	30	95 D	30 @ 60	D
				4 M & 15 D	30 @ 40	
			25	6 M & 15 D	20 @ 40	
				8 M & 10 D	20 @ 30	
TXE-207S	22	20 x 29 x 13	30	5 M	30 @ 60	D
				7 M & 7 D	30 @ 40	
			25	10 M & 10 D	20 @ 40	
				13 M & 10 D	20 @ 30	
TXE-124S	22	27dia x 11	30	3 M & 25 D	30 @ 60	D
				5 M & 15 D	30 @ 40	
			25	7 M & 25 D	20 @ 40	
				10 M	20 @ 30	
TXE-125S	27	27dia x 14	30	6 M & 20 D	30 @ 60	D
				9 M & 20 D	30 @ 40	
			25	13 M & 25 D	20 @ 40	
				17 M & 20 D	20 @ 30	
TXE-311S	27	17dia x 40	30	9 M & 20 D	30 @ 60	E
				14 M	30 @ 40	
			25	19 M & 20 D	20 @ 40	
				2 Y & 20 D	20 @ 30	
TXF-311S	27	17dia x 40	40	6 M	50 @ 60	E
				8 M & 25 D	50 @ 40	
TXE-315S	40	17dia x 68	30	21 M & 5 D	30 @ 60	E
				2 Y & 6 M	30 @ 40	
			25	3 Y & 6 M	20 @ 40	
				4 Y & 6 M	20 @ 30	
TXF-315S	40	17dia x 68	40	13 M	50 @ 60	E
				19 M	50 @ 40	
TXE-317S	70	17 x 63 x 30	30	3 Y & 6 M	30 @ 60	F
				5 Y	30 @ 40	
			25	7 Y	20 @ 40	
				9 Y	20 @ 30	
TXF-317S	70	17 x 63 x 30	40	2 Y & 2 M	50 @ 60	F
				3 Y & 55 D	50 @ 40	
TXE-335S	90	28dia x 61	30	3 Y & 10 M	30 @ 60	F
				5 Y & 6 M	30 @ 40	
TXF-335S	90	28dia x 61	40	2 Y & 5 M	50 @ 60	F
				3 Y & 6 M	50 @ 40	
TXE-345S	140	36dia x 73	30	8 Y & 8 M	30 @ 60	F
				12 Y & 6 M	30 @ 40	
TXF-345S	140	36dia x 73	40	5 Y & 5 M	50 @ 60	F
				7 Y & 11 M	50 @ 40	
Model	Weight [gr]	Housing dimensions [mm] (dia=diameter)	RANGE vs LIFE			PRICE
			Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	

Sensors:

- TXB Models: No sensors available.
- TXE & TXF Models: Any of the following sensors available:
 - Activity / Inactivity
 - Mortality
 - Position

Activation:

- By removing a magnet.
- TXB-001 to TXB-004, TXB-110 & TXE-110: Activation is made by soldering two wires. Activation by magnet can be included but this will cause a small increase in weight and dimensions.

Weight and dimensions:

- Dimensions include electronics, battery and housing. Do not include attachment or antenna.
- Weight includes all parts forming the system.

Range:

- Without obstacles or LOS (Line of Sight). Detection range under ideal conditions including there are no obstacles between the transmitter and the receiving antenna.

Lifetime:

- Life is calculated over a mean temperature of 20° C (68° F).

Refurbishment:

- Once used, all our models are susceptible of refurbishment for a fraction of the cost of a new one.

Frequencies:

- Any frequency between 148 and 174 MHz. Frequencies between 216 to 222 MHz available except on models which start with TXB-0.

Warranty:

- Same time as estimated battery lifetime; minimum 2 months, maximum 18 months.

Price:

In order to get the price list please follow this link:

<http://www.telenax.com/English/Products/Prices.pdf>