MEDIUM MAMMAL

TXE-203CL

TXE-311CB

TXE-315CB

TXE-335CB

TXB-006E

TXE-125E

TXE-125I TXE-311I TXE-315I

COLLARS: By far the most commonly used option. There are 2 main types:

CB - Collar with Belting: Standard for most terrestrial mammals. Depending on the size of the animal is the width and material of the belting. Sample pictures: TXE-311CB, TXE-315CB, TXE-335CB

CL - Collar with Cable: Good option when the risk of belting break is high. Stainless steel cable surrounds the neck so it works as the belting. Sample picture: TXE-203CL

EAR TAGS: Best option for protection of juvenile or increasingly growing animals, as collars could suffocate over time. Collars with expandable belting can also be used but there is a limit as to the level of expansion. Also a great option for Beaver as it is attached on the tail. Sample pictures: TXE-125E and TXB-006E

IMPLANTS: There is loss of detection range because of the type of antenna used and the body mass, but in many cases is the only option for mammals whose neck is larger than the head (e.g. otters) Sample pictures: TXE-125I, TXE-311I, TXE-315I.

The following tables show:

- Collars between 15 and 200 grams. For the entire list of Collar models please download the file found at http://www.telenax.com/English/Products/Collar.pdf

- All Ear tag units. Maximum recommended weight for the ear is 20.5 grams. Models of 24 grams can be used on species like Beaver (on the tail).

- Implant units between 5 and 26 grams and internal Helix antenna. For the entire list of Implant models please download http://www.telenax.com/English/Products/Implant.pdf

COLLAR

Model	Weight [gr]		Housing Dimensions [mm] (dia=diameter) for: B = Belting; L = Cable	RANGE vs LIFE			PRICE
	B = Belting	L = Cable		Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXE-203C	15	9.5	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-304C	14	10	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-207C	18	13.5	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-124C	18	13	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-125C	22	16.5	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-311C	30	N/A	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-311C	30	N/A	17dia x 40	40	6 M	50 @ 60	E
					8 M & 25 D	50 @ 40	
TXE-315C	55 - 90	N/A	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-315C	55 - 90	N/A	17dia x 68	40	13 M	50 @ 60	E
					19 M	50 @ 40	
TXE-317C	80 - 120	N/A	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-317C	80 - 120	N/A	17 x 63 x 30	40	2 Y & 2 M	50 @ 60	F
					3 Y & 55 D	50 @ 40	
TXE-335C	130 - 220	N/A	35dia x 74	30	3 Y & 10 M	30 @ 60	F
					5 Y & 6 M	30 @ 40	
TXF-335C	130 - 220	N/A	35dia x 74	40	2 Y & 5 M	50 @ 60	F
					3 Y & 6 M	50 @ 40	
TXE-345C	300 - 500	N/A	42dia x 86	30	8 Y & 8 M	30 @ 60	G
					12 Y & 6 M	30 @ 40	
TXF-345C	300 - 500	N/A	42dia x 86	40	5 Y & 5 M	50 @ 60	G
					7 Y & 11 M	50 @ 40	

EAR TAG

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-005E	2	15x9x7	4	50 D	25 @ 40	C
TXB-006E	2.5	17x9x7	4	80 D	25 @ 40	C
TXB-007E	3.5	19x10x10	4	4 M & 15 D	25 @ 40	B
TXB-008E	5	26 x 14 x 8	4	7 M & 5 D	25 @ 40	B
TXB-009E	5.8	26x14x9	4	10 M & 25 D	25 @ 40	B
TXB-110E	2.8	20 x 9 x 7	20	27 D	25 @ 40	B
TXE-110E	3	20 x 11 x 7	30	9 D	30 @ 40	B
			25	14 D	20 @ 40	
				20 D	20 @ 30	
TXB-112E	3.5	15 x 14 x 8	20	45 D	25 @ 40	C
TXE-112E	4	15 x 16 x 8	30	15 D	30 @ 40	C
			25	22 D	20 @ 40	
				28 D	20 @ 30	

EAR-TAG

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-116E	5.5	18dia x 9 -o- 27 x 18 x 7	20	4 M	25 @ 40	C
TXE-116E	6	18dia x 11 -o- 29 x 18 x 7	30	31 D	30 @ 60	C
				45 D	30 @ 40	
			25	65 D	20 @ 40	
				85 D	20 @ 30	
TXB-120E	6.7	21 dia x 9	20	7M & 10 D	25 @ 40	C
TXE-120E	7.4	21 dia x 10	30	50 D	30 @ 60	C
				73 D	30 @ 40	
			25	3 M & 15 D	20 @ 40	
				4 M & 15 D	20 @ 30	
TXE-203E	15.2	20 x 20 x 15	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-304E	15	12dia x 42	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-207E	17	21 x 30 x 14	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-124E	17	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-125E	20.5	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-311E	24	17dia x 45	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-311E	24	17dia x 45	40	6 M	50 @ 60	E
				8 M & 25 D	50 @ 40	

IMPLANT

TXB-009IH	5	26x14x9	4	10 M & 25 D	25 @ 40	A
TXB-116IH	4.5	18dia x 9 -o- 27	20	4 M	25 @ 40	B
TXE-116IH	4.9	18dia x 11 -o- 29 x 18 x 7	30	31 D	30 @ 60	B
				45 D	30 @ 40	
			25	65 D	20 @ 40	
				85 D	20 @ 30	
TXB-120IH	7.5	21 dia x 12	20	7M & 10 D	25 @ 40	B
TXE-120IH	8.3	21 dia x 13	30	50 D	30 @ 60	B
				73 D	30 @ 40	
			25	3 M & 15 D	20 @ 40	
				4 M & 15 D	20 @ 30	
TXE-203IH	9.5	19 x 19 x 19	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	

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	

IMPLANT

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-304IH	10	12dia x 42	30	95 D	30 @ 60	C
				4 M & 15 D	30 @ 40	
			25	6 M & 15 D	20 @ 40	
				8 M & 10 D	20 @ 30	
TXE-207IH	15	20 x 29 x 18	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-124IH	15	27 dia x 16	30	3 M & 25 D	30 @ 60	C
				5 M & 15 D	30 @ 40	
			25	7 M & 25 D	20 @ 40	
				10 M	20 @ 30	
TXE-125IH	19	27dia x 19	30	6 M & 20 D	30 @ 60	C
				9 M & 20 D	30 @ 40	
			25	13 M & 25 D	20 @ 40	
				17 M & 20 D	20 @ 30	
TXE-311IH	17	17dia x 48	30	9 M & 20 D	30 @ 60	D
				14 M	30 @ 40	
			25	19 M & 20 D	20 @ 40	
				2 Y & 20 D	20 @ 30	
TXF-311IH	17	17dia x 48	40	6 M	50 @ 60	D
				8 M & 25 D	50 @ 40	
TXE-315IH	26	17dia x 76	30	21 M & 5 D	30 @ 60	D
				2 Y & 6 M	30 @ 40	
			25	3 Y & 6 M	20 @ 40	
				4 Y & 6 M	20 @ 30	
TXF-315IH	26	17dia x 76	40	13 M	50 @ 60	D
				19 M	50 @ 40	

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-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 except on implant helix.
- 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.

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