

# LIVESTOCK



TXE-311CB



TXE-315CB



TXF-335CB



TXF-345CB



TXE-125E



TXE-311I



TXE-315I



TXE-317I



TXE-335I

Livestock including cattle, sheep, pig, horse, etc., are commonly tracked for either protection against theft, control, or to be able to find them when they get lost.

**COLLARS:** Best option for protection against loss and every day control. Depending on the size of the animal is the width and material of the belting. Industrial band is used on larger models as belting type which can last for many years. Sample pictures: TXE-311CB, TXE-315CB, TXF-335CB, TXF-345CB.

**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. Sample picture: TXE-125E.

**IMPLANTS:** For protection against theft. There is loss of detection range because of the type of antenna used and the body mass, but this is the only option as any external attachment can be removed by the criminal. Better detection range can be achieved on ruminants as the implant can be inserted into the rumen. Sample pictures: TXE-311I, TXE-315I, TXE-317I, TXE-335I.

The following tables show:

- Collar units of at least 30 grams, suitable for species from 600 grams. For the entire list of Collar models please download the file found at <http://www.telenax.com/English/Products/Collar.pdf>

- Ear tag units from 15 to 20.5 grams (maximum recommended weight for the ear). For the entire list of Ear tag models please download the file found at <http://www.telenax.com/English/Products/Eartag.pdf>

- Implant units of at least 17 grams and internal Helix antenna. For the entire list of Implant models please download the <http://www.telenax.com/English/Products/Implant.pdf>

## COLLAR

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-311CB	30	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-311CB	30	17dia x 40	40	6 M	50 @ 60	E
				8 M & 25 D	50 @ 40	
TXE-315CB	55 - 90	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-315CB	55 - 90	17dia x 68	40	13 M	50 @ 60	E
				19 M	50 @ 40	
TXE-317CB	80 - 120	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-317CB	80 - 120	17 x 63 x 30	40	2 Y & 2 M	50 @ 60	F
				3 Y & 55 D	50 @ 40	
TXE-335CB	130 - 220	35dia x 74	30	3 Y & 10 M	30 @ 60	F
				5 Y & 6 M	30 @ 40	
TXF-335CB	130 - 220	35dia x 74	40	2 Y & 5 M	50 @ 60	F
				3 Y & 6 M	50 @ 40	
TXE-345CB	300 - 500	42dia x 86	30	8 Y & 8 M	30 @ 60	G
				12 Y & 6 M	30 @ 40	
TXF-345CB	300 - 500	42dia x 86	40	5 Y & 5 M	50 @ 60	G
				7 Y & 11 M	50 @ 40	

## EAR-TAG

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	
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-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	
TXE-317IH	57	17 x 73 x 30	30	3 Y & 6 M	30 @ 60	E
				5 Y	30 @ 40	
			25	7 Y	20 @ 40	
				9 Y	20 @ 30	
TXF-317IH	57	17 x 73 x 30	40	2 Y & 2 M	50 @ 60	E
				3 Y & 55 D	50 @ 40	
TXE-335IH	75	28dia x 68	30	3 Y & 10 M	30 @ 60	E
				5 Y & 6 M	30 @ 40	
TXF-335IH	75	28dia x 68	40	2 Y & 5 M	50 @ 60	E
				3 Y & 6 M	50 @ 40	
TXE-345IH	122	36dia x 80	30	8 Y & 8 M	30 @ 60	E
				12 Y & 6 M	30 @ 40	
TXF-345IH	122	36dia x 80	40	5 Y & 5 M	50 @ 60	E
				7 Y & 11 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-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 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.

**Price:**

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

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