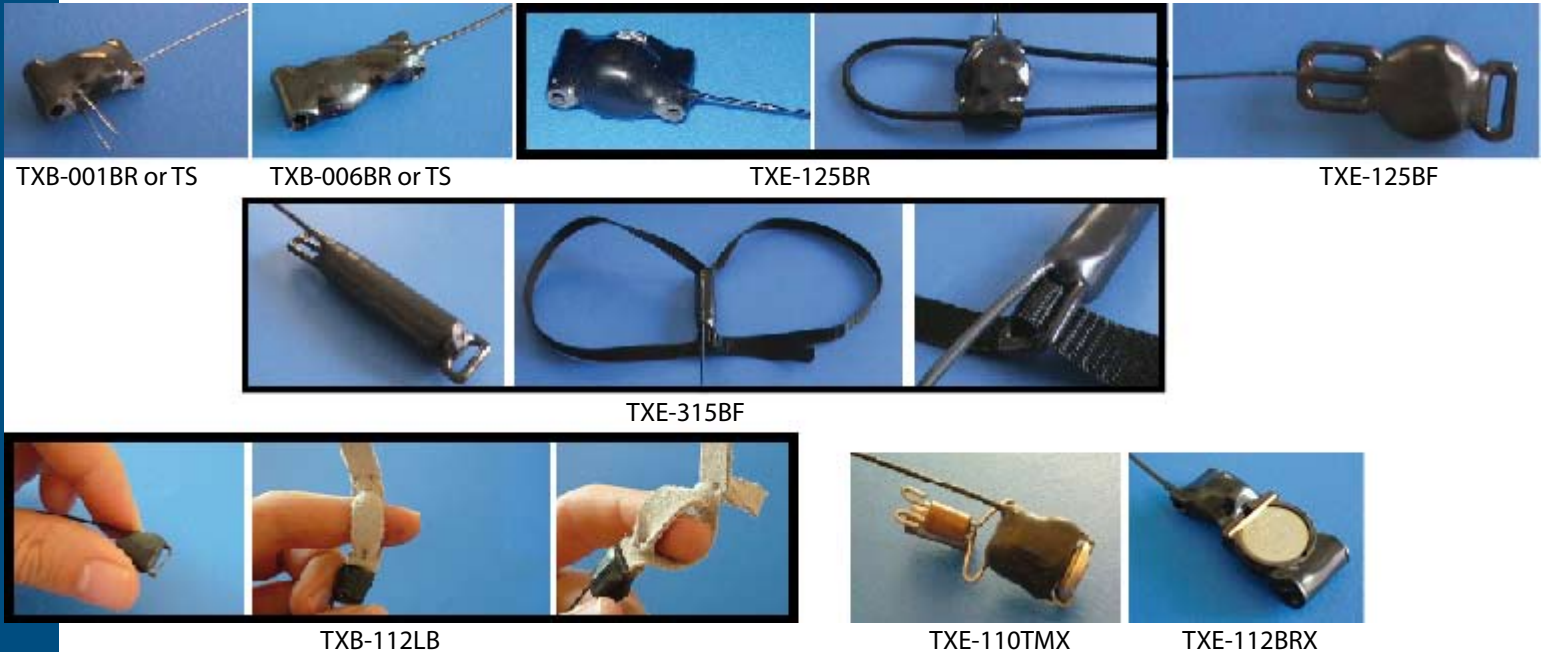


RAPTOR



BACKPACKS:

The most common tracking option for all species of Raptors. General rule dictates that a raptor can carry up to 3% of its own weight on a backpack. There are 2 types:

BR - Backpack for Round rope: 2 holes are included on the transmitter so a cylindrical or small flat rope can pass through. Diameter of the holes is defined by the customer.

BF - Backpack for Flat rope: Metal buckles are included so a flat rope can pass through. This option is recommended for raptors over 350 grams. Width and height of the holes can be defined by the user.

TAILMOUNT:

More comfortable and less invasive, but units can weight only up to 1.5% of the animal's weight. There are 2 types:

TS - Tailmount Sewn: Includes 1 or 2 holes to pass a rope or thread for attachment on the tail feathers. Diameter of the holes is specified by the user.

TM - Tailmount with Metal crimp on feather: For short term tracking and easy attachment-removal. Includes a metal piece of hardware that is fixed to the feather and then the transmitter is easily attached or removed.

LEG:

For short term tracking and easy attachment-removal. Transmitter is supplied with a buckle to insert a leather strip called Bewit which is attached to the leg of the animal. This design has been used by Falconers for decades.

Note for Falconry: User exchangeable battery options available. Sample pictures: TXE-110TMX and TXE-112BRX. For more information download this file: <http://www.telenax.com/English/Products/Falconry.pdf>

BACKPACK

Model	Weight [gr] for R - Round rope (holes)	Housing dimensions [mm] (dia=diameter) for R -Round rope (holes)	Weight [gr] for F -Flat rope (metal buckles)	Housing dimensions [mm] (dia=diameter) for F -Flat rope (metal buckles)	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-001B	0.75	14x7x6	N/A	N/A	4	14 D	25 @ 40	B
TXB-002B	0.85	15x7x6	N/A	N/A	4	20 D	25 @ 40	B
TXB-003B	0.95	15x7x6	N/A	N/A	4	28 D	25 @ 40	B
TXB-004B	1.3	15x8x7	N/A	N/A	4	35 D	25 @ 40	B
TXB-005B	1.5	18x9x7	N/A	N/A	4	50 D	25 @ 40	C
TXB-006B	1.9	20x11x7	N/A	N/A	4	80 D	25 @ 40	C
TXB-007B	3.5	27x10x10	N/A	N/A	4	4 M & 15 D	25 @ 40	B
TXB-008B	4.6	28 x 14 x 8	N/A	N/A	4	7 M & 5 D	25 @ 40	B
TXB-009B	5.2	28x14x9	N/A	N/A	4	10 M & 25 D	25 @ 40	B
TXB-110B	2.4	22 x 9 x 7	N/A	N/A	20	27 D	25 @ 40	B
TXE-110B	2.6	22 x 11 x 7	N/A	N/A	30	9 D	30 @ 40	B
					25	14 D	20 @ 40	
TXB-112B	3	17 x 14 x 8	N/A	N/A	20	45 D	25 @ 40	C
					30	15 D	30 @ 40	
TXE-112B	3.2	17 x 16 x 8	N/A	N/A	25	22 D	20 @ 40	C
					28 D	20 @ 30		
TXB-116B	5.2	18 x 21 x 9 -o- 25 x 18 x 7	N/A	N/A	20	4 M	25 @ 40	C
TXE-116B	5.4	18 x 21 x 11 -o- 31 x 18 x 7	N/A	N/A	30	31 D	30 @ 60	C
					25	45 D	30 @ 40	
TXB-120B	6.5	28 x 21 x 9	N/A	N/A	30	65 D	20 @ 40	C
					25	85 D	20 @ 30	
TXE-120B	7.2	30 x 21 x 10	N/A	N/A	20	7M & 10 D	25 @ 40	C
					30	50 D	30 @ 60	
TXE-203B	8.5	19 x 14 x 34	10.5	19 x 14 x 46	25	73 D	30 @ 40	D
					30	3 M & 15 D	20 @ 40	
TXE-304B	9	12dia x 48	11	12dia x 61	25	4 M & 15 D	20 @ 30	D
					30	70 D	30 @ 60	
TXE-207B	15.5	13 x 20 x 42	17.5	13 x 20 x 56	25	3 M & 10 D	30 @ 40	D
					30	4 M & 25 D	20 @ 40	
TXE-124B	15.5	27 x 11 x 42	17.5	27 x 11 x 55	25	6 M & 5 D	20 @ 30	D
					30	95 D	30 @ 60	
TXE-125B	18.5	27 x 14 x 42	20.5	27 x 14 x 55	25	4 M & 15 D	20 @ 40	D
					30	8 M & 10 D	20 @ 30	
TXE-311B	26	17dia x 55	21	17dia x 67	25	5 M	30 @ 60	E
					30	7 M & 7 D	30 @ 40	
TXF-311B	26	17dia x 55	21	17dia x 67	25	10 M & 10 D	20 @ 40	E
					30	13 M & 10 D	20 @ 30	
TXE-315B	36	17dia x 85	31	17dia x 97	25	3 M & 25 D	30 @ 60	E
					30	5 M & 15 D	30 @ 40	
TXF-315B	36	17dia x 85	31	17dia x 97	25	7 M & 25 D	20 @ 40	E
					30	10 M	20 @ 30	
TXE-317B	70	17 x 85 x 31	67	17 x 93 x 30	25	6 M & 20 D	30 @ 60	F
					30	9 M & 20 D	30 @ 40	
TXF-317B	70	17 x 85 x 31	67	17 x 93 x 30	25	14 M	30 @ 40	F
					30	19 M & 20 D	20 @ 40	
TXE-335B	90	28dia x 78	85	28dia x 90	25	2 Y & 20 D	20 @ 30	F
					30	6 M	50 @ 60	
TXF-335B	90	28dia x 78	85	28dia x 90	25	8 M & 25 D	50 @ 40	F
					30	21 M & 5 D	30 @ 60	
TXE-345B	145	36dia x 90	140	36dia x 100	25	2 Y & 6 M	30 @ 40	F
					30	3 Y & 6 M	20 @ 40	
TXF-345B	145	36dia x 90	140	36dia x 100	25	4 Y & 6 M	20 @ 30	F
					30	13 M	50 @ 60	
TXE-355B	145	36dia x 90	140	36dia x 100	25	19 M	50 @ 40	F
					30	3 Y & 6 M	30 @ 60	
TXF-355B	145	36dia x 90	140	36dia x 100	25	5 Y	30 @ 40	F
					30	7 Y	20 @ 40	
TXE-365B	145	36dia x 90	140	36dia x 100	25	9 Y	20 @ 30	F
					30	2 Y & 2 M	50 @ 60	
TXF-365B	145	36dia x 90	140	36dia x 100	25	3 Y & 55 D	50 @ 40	F
					30	3 Y & 10 M	30 @ 60	
TXE-375B	145	36dia x 90	140	36dia x 100	25	5 Y & 6 M	30 @ 40	F
					30	2 Y & 5 M	50 @ 60	
TXF-375B	145	36dia x 90	140	36dia x 100	25	3 Y & 6 M	50 @ 40	F
					30	8 Y & 8 M	30 @ 60	
TXE-385B	145	36dia x 90	140	36dia x 100	25	12 Y & 6 M	30 @ 40	F
					30	5 Y & 5 M	50 @ 60	
TXF-385B	145	36dia x 90	140	36dia x 100	25	7 Y & 11 M	50 @ 40	F
					30	7 Y & 11 M	50 @ 40	

TAIL MOUNT

Model	Weight [gr] for S-Sewn	Housing dimensions [mm] (dia=diameter) for S-Sewn	Weight [gr] for M-Metal crimp on feather	Housing dimensions [mm] (dia=diameter) for M- Metal crimp on feather	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-001T	0.75	14x7x6	N/A	N/A	4	14 D	25 @ 40	B
TXB-002T	0.85	15x7x6	N/A	N/A	4	20 D	25 @ 40	B
TXB-003T	0.95	15x7x6	N/A	N/A	4	28 D	25 @ 40	B
TXB-004T	1.2	15x8x7	N/A	N/A	4	35 D	25 @ 40	B
TXB-005T	1.5	18x9x7	N/A	N/A	4	50 D	25 @ 40	C
TXB-006T	1.9	20x11x7	2.6	17x9x7	4	80 D	25 @ 40	C
TXB-007T	3.2	24x10x10	3.8	19x10x10 -o- 10diax17	4	4 M & 15 D	25 @ 40	B
TXB-008T	4.5	28 x 14 x 8	5.2	26 x 14 x 8	4	7 M & 5 D	25 @ 40	B
TXB-009T	5.3	28x14x9	6	26x14x9	4	10 M & 25 D	25 @ 40	B
TXB-110T	2.4	22 x 9 x 7	3	20 x 9 x 7	20	27 D	25 @ 40	B
TXE-110T	2.6	22 x 11 x 7	3.2	20 x 11 x 7	30	9 D	30 @ 40	B
					25	14 D	20 @ 40	
TXB-112T	3	17 x 14 x 8	3.5	15 x 14 x 8	20	45 D	25 @ 40	C
					30	15 D	30 @ 40	
TXE-112T	3.2	17 x 16 x 8	3.7	15 x 16 x 8	25	22 D	20 @ 40	C
					28 D	20 @ 30		
TXB-116T	5.2	18 x 20 x 9 -o- 29 x 18 x 7	5.5	18dia x 9 -o- 27 x 18 x 7	20	4 M	25 @ 40	C
TXE-116T	5.4	18 x 20 x 11 -o- 31 x 18 x 7	5.9	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-120T	6.5	27 x 21 x 9	6.8	21 dia x 9	20	7M & 10 D	25 @ 40	C
TXE-120T	7.2	29 x 21 x 10	7.5	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-203T	8.5	19 x 23 x 14	10	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-304T	9	12dia x 38	10.5	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-207T	14	13 x 20 x 31	15.5	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-124T	14	27 x 31 x 11	15.5	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-125T	18	27 x 31 x 14	19.5	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] for S-Sewn	Housing dimensions [mm] (dia=diameter) for S-Sewn	Weight [gr] for M-Metal crimp on feather	Housing dimensions [mm] (dia=diameter) for M- Metal crimp on feather	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	

LEG

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-112LB	3.7	15 x 14 x 8	20	45 D	25 @ 40	B
TXE-112LB	3.9	15 x 16 x 8	30	15 D	30 @ 40	B
			25	22 D	20 @ 40	
				28 D	20 @ 30	
TXB-116LB	5.8	18dia x 9 -o- 27 x 18 x 7	20	4 M	25 @ 40	B
TXE-116LB	6.2	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-120LB	7.3	21 dia x 9	20	7M & 10 D	25 @ 40	B
TXE-120LB	8	21 dia x 10	30	50 D	30 @ 60	B
				73 D	30 @ 40	
			25	3 M & 15 D	20 @ 40	
				4 M & 15 D	20 @ 30	
TXE-304LB	10	12dia x 34	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	

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, housing and holes for Backpack and Tailmount Sewn.
- 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>