

## Ultimate V6C Series

Technology:  Radio

Product:  Collar

Gray Wolf (*Canis lupus*) © Wildlife Science Center, Minnesota, USA. 2010



## Extensively tested for toughness before earning the name 'Ultimate'

Ultimate VHF Collars are rugged designs that have been field-proven over many years in the harshest of environments. Our Ultimate VHF Collars combine proven electronics with robust, synthetic materials and modern manufacturing processes to produce a cost-effective design, well-suited to meet the rigorous demands that typify use in terrestrial wildlife studies.

### Options

- Supports a variety of user-selectable options and features to extend operational life, data collection and collar retrieval possibilities.
- Sensors: Activity/Mortality, Time Since Death

#### Features:



Accelerometer



Mortality



Time since death



Duty cycling

#### VHF beacon range:

Powerful yet efficient for unparalleled tracking range and long life

#### Rugged design:

To operate in extreme environmental conditions

#### Size options:

Available over a wide range of sizes suitable for such terrestrial mammals as rabbits, bobcat, wolves and moose.

### Product Applications

Home range analysis, Survival, Presence/Absence

Model	Weight <sup>[1]</sup> (g)	Antenna type	Collar material	Collar range (mm)	Collar width (mm)	Life <sup>[2]</sup> (days)		
						40ppm	50ppm	60ppm
V6C 163A	30 - 31	External	Cable Tie	110 - 245	4.8	444	364	308
V6C 163B <sup>[3]</sup>	40 - 43	External	Leather	135 - 270	10	444	364	308
V6C 163C	20 - 41	External	Haultain	160 - 300	15	444	364	308
V6C 163D <sup>[4]</sup>	32 - 35	External	Leather	130 - 260	10	444	364	308
V6C 164A	36 - 37	External	Cable Tie	110 - 245	4.8	519	437	377
V6C 164B <sup>[3]</sup>	48 - 51	External	Leather	135 - 270	10	519	437	377
V6C 164C	26 - 47	External	Haultain	160 - 300	15	519	437	377
V6C 164D <sup>[4]</sup>	38 - 41	External	Leather	130 - 260	10	519	437	377
V6C 164F <sup>[5]</sup>	53-55	External	Elastic	200-600	40	519	437	377
V6C 173A	62 - 68	External	Haultain	240 - 380	15	755	635	548
V6C 173B	71 - 78	External	Nytop	240 - 360	15	755	635	548
V6C 173C	64 - 69	External	Haultain	200 - 380	15	755	635	548
V6C 173F <sup>[5]</sup>	82-85	External	Elastic	280-650	40	755	635	548
V6C 176D	233 - 290	Internal	BioThane	375 - 630	38	1069	899	776
V6C 176E	267 - 305	Internal	BioThane	585 - 750	38	1069	899	776
V6C 176F	253 - 300	External	BioThane	380 - 595	38	1069	899	776
V6C 176G	278 - 325	External	BioThane	500 - 715	38	1069	899	776
V6C 273A	108 - 130	Internal	BioThane	290 - 420	32	1509	1270	1096
V6C 273B	111 - 147	External	BioThane	300 - 510	32	1509	1270	1096
V6C 276A	374 - 440	Internal	BioThane	575 - 870	38	2138	1799	1553
V6C 276B	388 - 540	External	BioThane	600 - 890	50	2138	1799	1553
V6C 276C	445 - 625	External	BioThane	700 - 1050	50	2138	1799	1553
V6C 276D	520 - 750	External	BioThane	1000 - 1450	50	2138	1799	1553
V6C 373	620-660	Internal	BioThane	690-965	50	2264	1905	1644

1. Weights may vary by 3% owing to tolerances during manufacturing.

2. Operational Life Estimates presented are based on continuous operation at 25 °C and pulse width of 20ms. Actual life may be reduced by up to 50% at operating temperature boundaries.

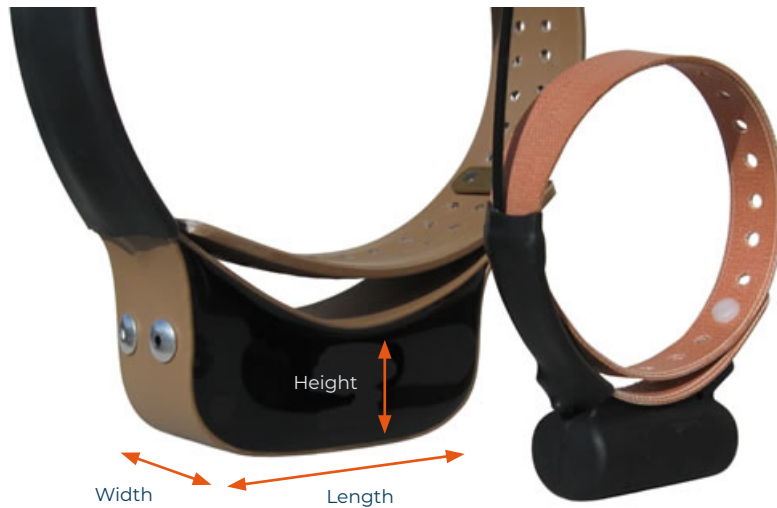
3. V6C 163B and 164B models are configured with belt buckle collar adjustment with retainer loop.

4. V6C 163D and 164D models are adjusted with a nylon nut and bolt.

5. V6C 164F and V6C 173F models offer expandable solutions.

Features and specifications subject to change without notice.

Model	V6C 163	V6C 164	V6C 173	V6C 176	V6C 273	V6C 276	V6C 373
Size (LxWxH) (mm)	37 x 23 x 20	45 x 23 x 20	64 x 23 x 20	88 x 32 x 30	88 x 38 x 40	96 x 50 x 42	110 x 50 x 55



Technical specifications:  
 Frequency range: 148MHz to 174MHz  
 Operating temperature: -30°C - +50°C

Timed Release Drop-Off:  
 microTRD (10g) available for V6C 163C, 164C and 173 models.  
 TRD (35-55g) available for V6C 273, 176 and 276 models.

### Warranty

Contact one of our telemetry specialists for details about our warranty. For Warranty terms and conditions, please review our [Warranty Statement](#).