VECTRONIC Aerospace
innovative technology for science and research

GPS Collars made in Germany since 2000

VERTEX PLUS - datasheet

Oval-round shaped VERTEX PLUS collar with 3D battery and Drop Off

battery type	Globalstar 1 position send per message	IRIDUM 12 positions send per message	GSM 8 positions send per message	UHF position download in field	weight (without Drop Off)
1C	not available for this communication type			188 - 504 days	starting with 312 g**
1D	266 - 412 days	323 - 568 days	376 - 753 days	449 - 1113 days	starting with 470 g**
2D	559 - 865 days	680 - 1193 days	791 - 1582 days	943 - 2337 days	starting with 630 g**
3D	879 - 1360 days	1068 - 1875 days	1243 - 2486 days	> 4years	starting with 830 g**
4D	1225 - 1896 days	1489 - 2613 days	> 4 years	> 5 years	starting with 1030 g**
5D	1598 - 2473 days	> 5 years	> 6 years	> 7 years	starting with 1200 g**
7D	> 6 years	> 7 years	> 8 years	> 8 years	starting with 1500 g**

*example calculation for following settings: GPS schedule with one GPS position every 2 hours, the VHF beacon active for 12 hours per day with Pulse Length 20ms, Period Length 1500ms, Output Power +10 dBm and no additional features running in 0°C ambient temperature
**weight varies depending on belt configuration and communication type
add 70 gram for collar with Drop Off

Please contact our customer support for individual calculation in battery lifetime and weight.

contact us

wildlife@vectronic-aerospace.com • www.vectronic-aerospace.com
VECTRONIC Aerospace GmbH, Berlin, Germany, Phone: +49 30 6789 4990, Fax: +49 30 6789 5230
VECTRONIC Aerospace USA, Iowa, USA, Phone: +1 319 626 2267, Fax: +1 319 626 2268
VECTRONIC Aerospace CA, Ontario, Canada, Phone: +1 905 535 1514, Fax: +1 289 803 2539

VECTRONIC Aerospace all rights reserved. Features and specifications subject to change without notice.