



## We recommend that you visit the official website of Netvox!

Want to know more device information?  
We offer the following helpful tools to help you quickly find the information you're looking for.

Battery Life Calculation

Netvox LoRaWAN Application Command

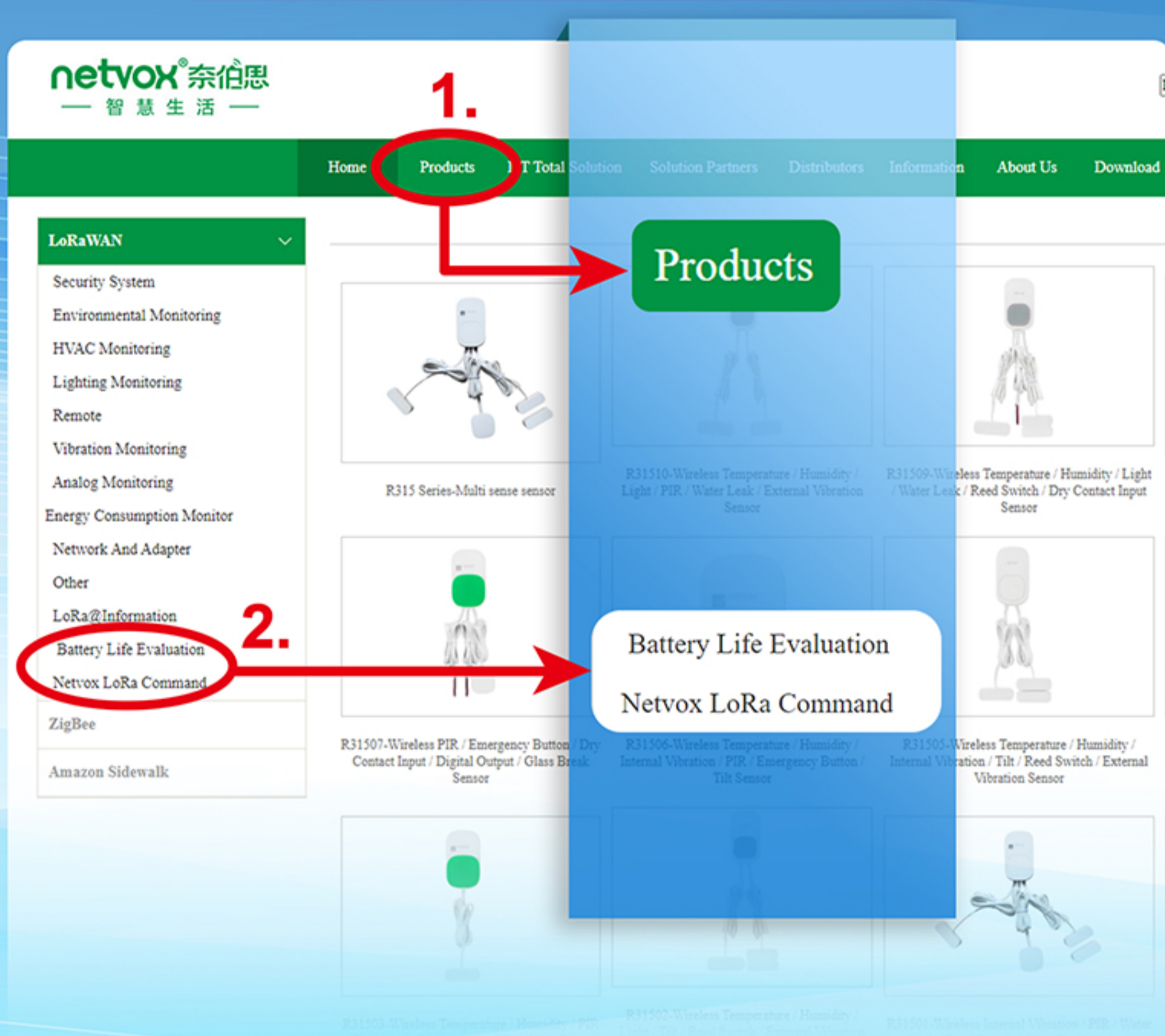
( <http://www.netvox.com.tw> )

After visiting the Netvox official website click on the

Products

Battery Life Evaluation

Netvox LoRa Application Command



\*Calculate Based on TxPower=20dBm, SF=10 @25°C

Device Model	Device Name	Time interval (Min)	Times of sending data per day	Current consumption of sampling & sending data (mA)	Battery life in days	Battery life in months	Battery life in years
R309	Emergency key device	60	24 times	120	684.78	22.83	1.88
R309	Emergency key device	120	12 times	120	1016.13	33.87	2.78
R309	Emergency key device	180	8 times	120	1211.54	40.38	3.32

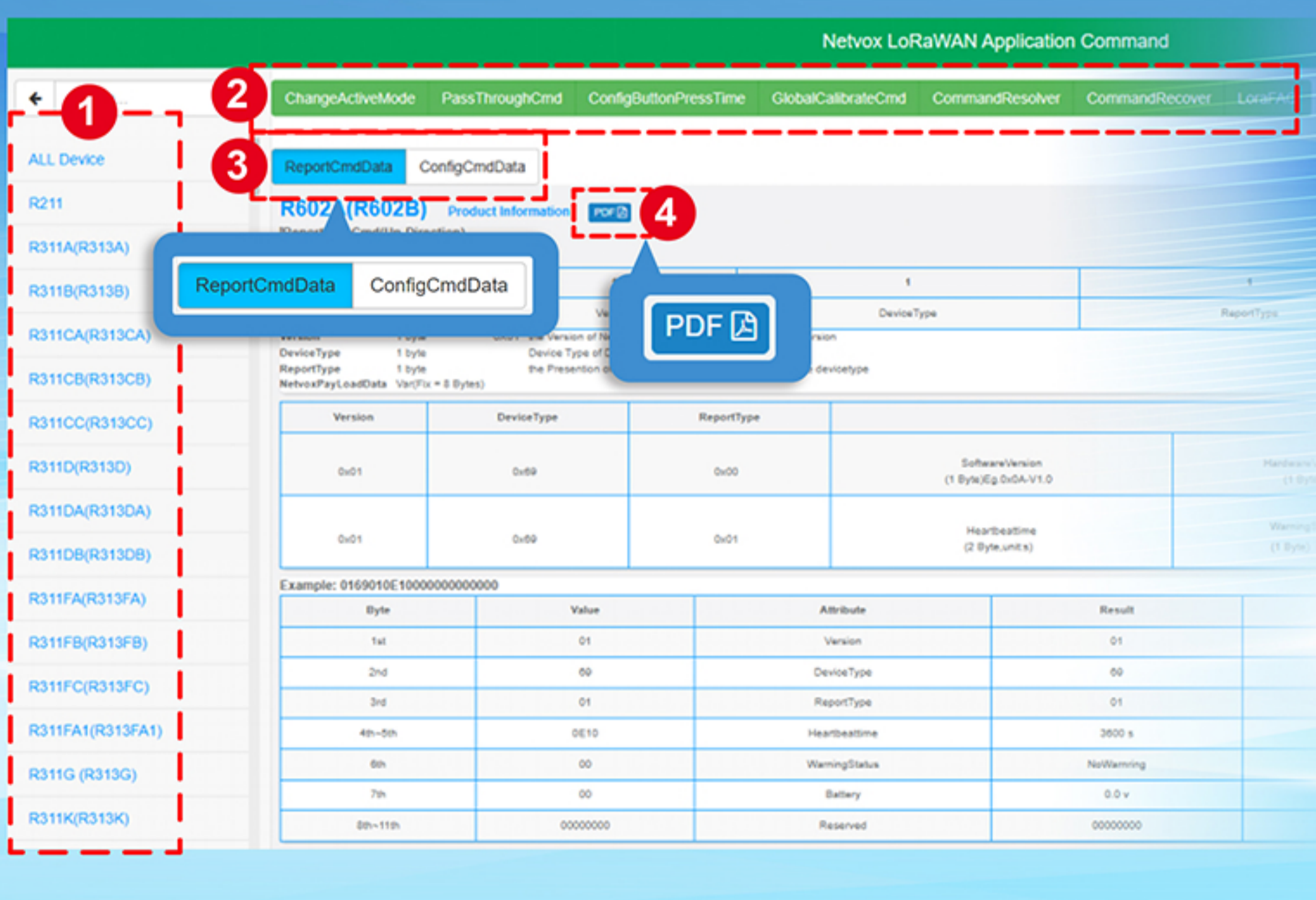
calculation

n TxPower=20dBm, SF=10 @25°C

Device Name	Time Interval (Min)	Times of sending data per day	Current consumption of sampling & sending data (mA)	Power-consuming time of sampling & sending data (ms)	Total power consumption of sampling & sending data (mWh)	Current consumption of receiving data (mA)	Power-consuming time of receiving data (ms)	Total current consumption of receiving data (mWh)	Power consumption of sending data per day (mA)	Sleeping time per day (%)	Battery life in days	Battery life in months	Battery life in years	
Emergency key device	60	24	120	378	0.12333	12	35	0.00012	0.30	24	684.78	22.83	1.88	
1 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	19	0.45	0.76	12.60
2 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	22	0.53	0.83	12.60
3 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	24	0.58	0.88	12.60
4 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	12	0.29	0.59	12.60
5 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	23	0.55	0.85	12.60
6 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	25	0.60	0.90	12.60
7 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	16	0.38	0.66	12.60
8 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	18	0.43	0.73	12.60
9 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	23	0.55	0.85	12.60
10 combination sensor device	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	23	0.55	0.85	12.60
11 Sensor (powered by 2 x CR2032 battery)	60	24 times	120	378	0.12333	12	35	0.00012	0.30	24	18	0.24	0.54	12.60
12 Combination of Wireless 2-Input Dry Contact Interface	60	22 times	126	378	0.12366	12	35	0.00012	0.29	24	0	0.19	0.60	12.60

## Netvox LoRaWAN® Application Command

1. List of device models
2. Function options
3. ReportCmd & ConfigCmd
4. Export .pdf of the device payload format



## Netvox LoRaWAN® Application Command

