

Bumblebee^{se}



Made in Holland !

The most advanced IOT-tracker

Bumblebee follows properties using wireless technologies. The Sigfox network is the heart of the product. Sigfox offers a reliable low-frequency network that is very effective. This allows you to follow your properties for several years with a single battery charge.

The modules are supported by a high precision GPS receiver and allows you to track and trace your properties with our management system on your computer, tablet or smartphone you can monitor and control all your properties. Track and trace has never been easier!

Process



Trace GPS location



Data processing



Geo-fence



Data sharing



Bumblebee Specifications



	BumbleBee	BumbleBee PRO	BumbleBee PRO/S
WIRELESS			
Data communication Network	Sigfox - Zone 1	Sigfox – Zone 1 (optional 2,4)	Sigfox – Zone 1 (optional 2,4)
Position control	16 channels GPS	16 channels GPS	16 channels GPS
ID identification	NFC	NFC	NFC
I/O			
External sensors	Not possible	Not possible	4x (I ² C or Analog)
Build-in temp. sensor	Yes	Yes	Yes
Build-in motion sensor	Yes	Yes	Yes
POWER			
Battery capacity	2.000 mA	2.000 mA	2.000 mA (up to 10.000 mA)
Autonomy	Avg. 5.000 messages	Avg. 5.000 messages	Avg. 5.000 messages (2.000mA)
Rechargeable	Yes, Micro USB (5VDC)	Yes, Micro USB (5VDC)	Yes, via connector (8-40 VDC)
Working on external power supply	Yes	Yes	Yes
HOUSING			
Length	55 mm	110 mm (ex. flange)	115 mm (ex. flange -2.000 mA)
Width	44 mm	44 mm	64 mm (2.000 mA)
Height	22 mm	22 mm	40 mm (2.000 mA)
Weight	80 gr.	160 gr.	Ca.150 gr. (2.000 mA)
Mounting	Mounting flange	Mounting flange	Mounting flange
ENVIRONMENT			
Drop spec.	1,5m on concrete	1,5m on concrete	1,5m on concrete
IP rate	IP68	IP68	IP65
Ambient temp.	-20 tot 75 °C	-20 tot 75 °C	-20 tot 75 °C
GPS/Sigfox performance	+	++++	++++
BACKOFFICE			
API Available	Yes	Yes	Yes
Personal profile config.	Yes	Yes	Yes
Asset management	Yes	Yes	Yes
Mapping	Yes	Yes	Yes
Monitoring Battery status	Yes	Yes	Yes
Monitoring Temperature	Yes	Yes	Yes

Information

Manufacturer

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