

Remote monitoring of beehives by SMS

Developed by professionals in electronics and telecom technologies, in partnership with beekeepers, BeeWise™ is a revolutionary solution for the remote monitoring of beehives using state-of-the-art SMS technology.

Designed for amateur and professional beekeepers alike, BeeWise™ is the first system of its kind in the world.

With BeeWise™, the costly time consumption to inspect the hives is greatly reduced! Using your mobile phone a quick and simple SMS enables you to know the exact situation of the apiary.

CRITICAL INFORMATION AT YOUR FINGER TIPS, WHEREVER, WHENEVER !

BeeWise™ provides multiple benefits for the beekeepers:

- **Significant increase in yield and productivity**
- **Less visits to the apiary meaning more time for the beekeepers and valuable direct savings on transportation costs**
- **Improved management of beehives and better planning of apiary inspection**
- **Savings on all round resources from the apiarist**



Hassle free and easy-to-use

Mounting and setting up of BeeWise™ is extremely simple. The product is delivered "ready to use".

This is truly a "plug and play" system, allowing an immediate installation to the apiary.

Low cost of operation

SMS technology offers the lowest operating cost. No need for costly fax connection or voice connection. All data are transmitted using SMS through a standard mobile phone.

Discrete and non-intrusive

BeeWise™ fits under the beehive (WITHOUT any modification) making it almost invisible from the outside.

Since BeeWise™ does not probe the beehive, the bees are left in peace to do what they do the best: produce honey !

Read it, anywhere, anytime

Investing in expensive computer or specific reading terminals are just not necessary. With the convenience of a mobile phone you can, at anytime, start reading your valuable information from BeeWise™ !

This minimizes the investment for the beekeeper who can, within seconds, receive the precise situation at the apiary on the phone's screen.

Reliability and accuracy

BeeWise™ is made with components specially designed for external use, in rough environments. The electronic parts are protected inside a box (IP56), with weatherproof connector for the power supply cable.

The weight measurement is done using a 4-sensor electronic scale which is automatically calibrated each time it is connected.

1 year warranty

BeeWise™ comes with a 1 year warranty.

1 month record of daily weights

BeeWise™ automatically records 2 weights each day at fixed times. It can store up to 64 values giving about 1 months recording.

This is the perfect solution to keep track of the weight evolution!!

2 kind of power supply: solar panel or battery

BeeWise™ is powered either by a battery (12V), or a solar panel (optional).

Programmable thresholds with SMS alert sending

User can program 2 thresholds on the weight to be used as an alarm. When the beehive's weight reaches a threshold, BeeWise™ sends an alert by SMS to the user.

No need to worry, BeeWise™ works for you!

Monitor up to 4 hives

In this version to up to 3 secondary systems can be connected by a cable to a Master Beewise to monitor individually up to 4 hives. All the data are transmitted to the beekeeper by the Master scale using 1 SMS only.

Data protection and security

Before using BeeWise™ the user has to register the mobile number (max. 7 users). For each request it receives, BeeWise™ checks first that the number is a registered valid number before responding with the relevant information.

This process provides complete data security !

Up to 45 days of autonomy without any power source

BeeWise™ works on its internal battery during more than 45 days. This is suitable for the majority of application.

Of course if longer autonomy is needed, one can use a solar panel which gives an almost unlimited autonomy even when sunlight is limited, or a car battery.

Theft deterrent

BeeWise™ uses a PIN code that is programmed in the factory and provided to the customer only. The same PIN code has to be programmed inside the SIM card otherwise the product cannot start. Should anyone steal the product, once the SIM is un-validated (by calling the operator), it is impossible to start the product with a different SIM card.

Additional technical information:

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|--|--|------------------|---------|-------------|---|-----------------|--------------------|
| Weather-proof box IP56, 30 cm×38 cm×12 cm Weight: 7Kg | Power supply: <ul style="list-style-type: none">- Solar panel (optional)- Battery 12 V max. (not included) | | | | | | |
| Working temperature: -10C to +50C Storage temperature: -15C to +60C | Autonomy (3h mobile network connection per day): <table border="1"><tr><td>Internal battery</td><td>45 days</td></tr><tr><td>Solar panel</td><td>Un-limited (providing a min. of 3h of sunlight per day)</td></tr><tr><td>Bat. 12V, 40 Ah</td><td>8 months (typical)</td></tr></table> | Internal battery | 45 days | Solar panel | Un-limited (providing a min. of 3h of sunlight per day) | Bat. 12V, 40 Ah | 8 months (typical) |
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| Bat. 12V, 40 Ah | 8 months (typical) | | | | | | |
| Measurement range: from 10 Kg to 140 Kg Max. weight: 200 Kg | | | | | | | |
| Resolution: 100g Accuracy: from 0.2 to 0.5 Kg Long term drift: ± 0.1%/year | | | | | | | |

BeeWise™ is made in France

A software is available to perform BeeWise™ data acquisition with a PC. Please contact your reseller for more details.

Any additional information please contact:



www.beewise.net

*The above information are given for information only.
The manufacturer reserves the right to modify its product at any moment without prior notification.*

BeeWise™ is a registered trademark