# Wireless Hive Monitoring System
## By Bee Certain

Humans have been involved in Beekeeping with basically the same tools for thousands of years.    Our goal is to give beekeepers a cost effective means by which they can learn more about their bees and become better beekeepers with today's technology.

Our wireless hive monitoring system seamlessly tracks vital signs of honeybee colonies to allow easy, well informed hive maintenance that promotes healthier honey bee populations that produce more honey.

Better information allows better decision making.  Wireless hive monitoring allows for a continuous real time flow of information, with the potential to transform how bee colonies are maintained.

| Functions |
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| ◆ Wirelessly sense hive weight gain and loss<br>◆ Wirelessly sense temperature inside and outside hive<br>◆ Wirelessly sense humidity inside and outside hive<br>◆ Includes System Recorder to store and graph data<br>◆ Reduces hive inspections |

| Features |
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| ◆ Accurately measures honey production and consumption throughout the year.<br>◆ Provides timely remote access to all critical data<br>◆ Allows viewing key trends of changes over user selected time periods.<br>◆ Creates an easily accessible database of all data.<br>◆ Easily installs in minutes without wires or hive modifications.<br>◆ Works with most users existing personal computing device with browser (not included).<br>◆ Wireless Sensors with long-life replaceable batteries.<br>◆ Designed specifically for hives to be environmentally friendly and unobtrusive.<br>◆ Reports harmful environment conditions in hives via user-defined alarms.<br>◆ Immediate alerts to conditions affecting the health or activity of your hive.<br>◆ Easily expandable to support up to 20 different hives' data into single server, allowing the tracking of an entire small apiary. |

| Benefits |
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| ◆ Reduces hive loss from harsh environmental conditions and starvation.<br>◆ Maximizes honey production by knowing honey creation and consumption.<br>◆ Eliminates concern of conditions that may be affecting your hives health.<br>◆ Protects your investment by saving hives.<br>◆ Track and maintain hive health<br>◆ Build knowledge database of impact of weather and location changes over time.<br>◆ Gives insight into steps/changes to take in the future to ensure healthier and more productive hives<br>◆ Ensure bee colonies continue to thrive to help maintain pollinator populations<br>◆ System is comprehensive, and can incorporate up to 20 different hives' data into single server, allowing the tracking of entire populations on small farms. |

| Selling Points |
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| ◆ Highly efficient and effective way to augment current hive monitoring methods by incorporating modern technology<br>◆ Our system does more and costs less than competing brands<br>◆ Save the bees! System can pay for itself by saving entire colonies.<br>◆ Peace of mind: keepers can know exactly how their hives are doing at all times, while also comparing data to other hives and previous years |

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**Bee Certain**
*about your hives*