

## iBee<sup>®</sup> Gateway

*The iBee<sup>®</sup> Gateway provides stand-alone monitoring of a wide variety of field sensors to supply growers with the information they need for improved crop and irrigation management.*

### How it works

The iBee Gateway interfaces with field sensors including soil moisture probes and weather stations. It can also be used to communicate data from devices which measure channel water levels, irrigation system flow and pressure.

Each unit incorporates solar power, battery and a GSM modem, enabling it to send data directly to a server via public 3G cellular networks.\*

By linking to FarmConnect's web-based software, an iBee Gateway provides growers with access to real time and historical data from almost any internet connected computer or mobile device. In addition, configurable alarms and status updates are delivered via SMS and email so growers can know exactly when to respond for maximum benefit.

An iBee Gateway solution enables enhanced crop management for improved productivity and crop quality while reducing water use.

### Application

Direct communication over existing 3G networks\* makes the iBee Gateway ideal for monitoring situations where there are a low density of sites spread over wide geographic areas and where line of sight communication is not possible.

### Key features

- Industrial design and quality manufacture
- Lockable, weatherproof enclosure
- Comprehensive diagnostics and alarming
- Efficient power management system
- Model with control capability available

### Benefits

- Monitors a wide range of field sensors
- Plug and play set-up with minimal configuration
- Low maintenance
- Reliable operation year after year

### Integrated solution

The FarmConnect system is designed with flexibility in mind so that you can adapt it and expand it as your irrigation needs change over time.

The combination of FarmConnect communications technology and FarmConnect software provides you with a single platform from which you can integrate crop management, irrigation system monitoring, control and full automation.

### About Rubicon

Rubicon Water delivers advanced technology that optimises gravity-fed irrigation, providing unprecedented levels of operational efficiency and control, increasing water availability and improving farmers' lives.

\*Connectivity to other cellular network types is available.

