

FarmConnect™

A revolution for irrigation farming

Rubicon leads the world in irrigation efficiency with its unique water control gates and Total Channel Control® – Rubicon's completely automated irrigation channel management system.

Now FarmConnect™ brings the same advanced industrial-grade technology to the farm, providing farmers with an integrated solution for:

- water ordering/metering
- irrigation scheduling
- on-farm automation

FarmConnect™ helps you make better use of your water resources by telling you when the best time to irrigate is and automatically controlling the precise application of water.

iBee™ Wireless Network

FarmConnect's™ iBee™ wireless network links field devices including high-flow bay gates and soil moisture sensors to allow you to wirelessly monitor and control your irrigation. The iBee™ network gives you the flexibility to easily add numerous field devices over time, allowing you to build a highly efficient automated farm operation.

- Dedicated on-farm wireless network based on the ZigBee protocol for easy connectivity and reliability
- Excellent all-terrain coverage and GPS positioning
- Wireless monitoring and control of a wide range of field devices including:
 - soil moisture sensors
 - weather stations
 - gates
 - valves
 - pumps

FarmConnect™ Software

FarmConnect's™ easy to use web-based software allows you to monitor soil moisture and control an irrigation from any computer or compatible hand-



held device with an internet connection – allowing you to irrigate from the farmhouse, or the other side of the world.

FarmConnect™ software uses Google™ satellite mapping and GPS positioning to graphically display your farm, showing you the status of your field devices at a glance and making it easy to initiate an irrigation from your computer.

- Irrigation scheduling software
- On-farm automation software
- Farm sites referenced graphically and overlaid on Google™ map background

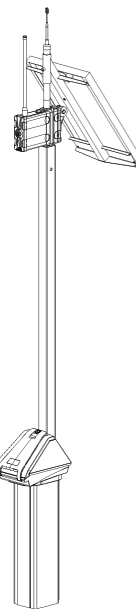
- Event linking system – irrigation routing and event sequencing
- SMS text message alerts
- Access via TCC® Water Ordering Portal where available
- Full interaction with TCC® control system enabling variable supply flows to match variable demand.

FloodTech™ – Precision Surface Irrigation

With FarmConnect's™ FloodTech™ system, surface irrigation is now more efficient than ever. FloodTech™ is a patented system which precisely controls the application of water using StepGate™ high-flow bay gates combined with the FloodTech™ sensor centrally positioned on the bay.

The FloodTech™ system monitors water application while accounting for localized soil conditions – dynamically computing the cut-off point for each individual irrigation, avoiding under or over irrigation on a bay.

- StepGate™ high flow bay and delva gates specifically designed for on-farm applications



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