

Valley® Controls

RELIABLE | DURABLE | PRECISE | ADVANCED | RESPONSIVE



VALLEY 

The Leader in Precision Irrigation.

Valley Control Panels





TouchPro™

The TouchPro™ control panel gives you powerful, yet user-friendly control of your center pivots. This panel's full-color main screen can be customized to show only the control features and management information important to your operation.

- Programmable by date, time, position and other data
- Touch technology
- Features load management programming, graphical view of pivot position, and end gun and wide boundary positions
- Can withstand extreme temperatures, high humidity and transient voltage requirements



Compatible with:

- Center pivots
- Corners/Benders
- BaseStation3™

Pro2

The technologically advanced Pro2 control panel gives you a simple set of tools for the highest level of control and monitoring, both in the field and remotely. The panel also features the patent-pending, Valley®-exclusive Cruise Control™, which allows you to precisely manage chemigation and fertigation. This software automatically adjusts the speed of your pivot to prevent over or under application of chemicals.

- Programmable by date, time and position
- Advanced diagnostics, such as system faults, error codes and logs
- Standard backlit screen and keypad
- Advanced sensory and auxiliary functions



Compatible with:

- Center pivots
- Corners/Benders
- BaseStation3

Select2

The Select2 control panel offers you a combination of easy-to-read digital displays and push-button controls. It incorporates the same field-proven processor technology as the Pro2.

- Standard backlit screen and keypad
- End gun, stop-in-slot and auto reverse set in the panel
- Field sector controls to change water application for different crops or soils
- Auto restart on power, pressure or both
- Pivot position reporting



Compatible with:

- Center pivots
- Corners/Benders
- BaseStation3



AutoPilot Linear

The AutoPilot Linear control panel measures the position and travel direction of your linear machine, allowing you to program it to run automatically.

- Only control panel available specifically for linears
- Turns primary and secondary end guns on/off
- Can be programmed to change direction, stop and change speed
- Start/stop chemigation based on field position



Compatible with:

- Linears
- BaseStation3

ClassicPlus

The ClassicPlus control panel offers easy-to-operate switches for manual operation.

- Mechanical auto-reverse
- Mechanical pressure switch for low-pressure monitoring
- Percent timer dial to control application
- Optional mechanical switches to set pivot direction
- Can be upgraded to Valley Pro2, Select2 or AutoPilot Linear



Compatible with:

- Center pivots
- Corners/Benders
- Linears
- BaseStation3

Classic

The Classic control panel offers the lowest initial investment and provides push button, manual operation. It is designed for center pivots only.

- Push button operation
- Percent timer to control water application
- Optional mechanical switches to set pivot direction and monitor for low pressure



Compatible with:

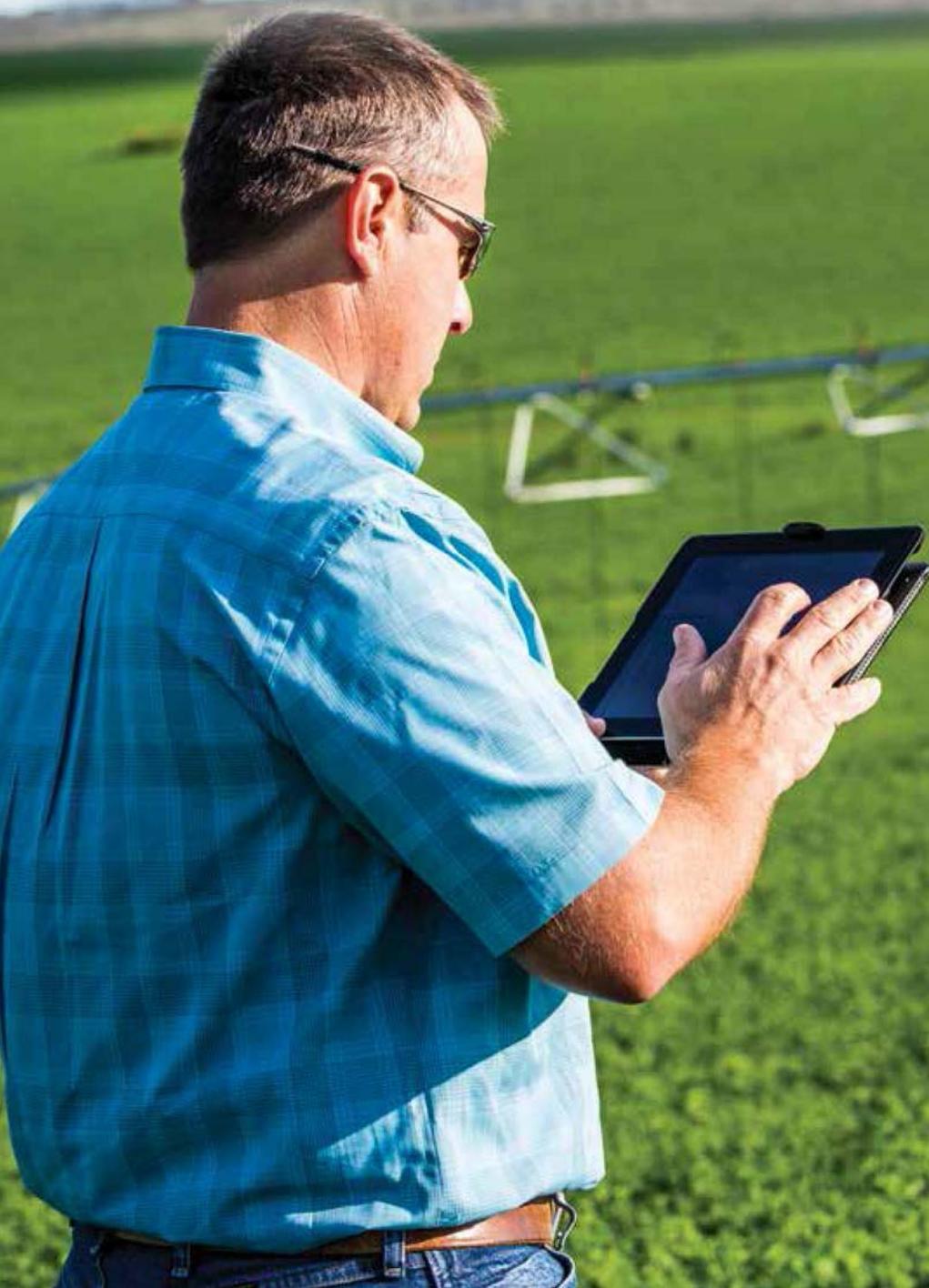
- Center pivots
- BaseStation3

Valley Control Panels



⚠ DANGER ⚠
High Voltage!
All users can be
Lucky Home Power
in the "OFF" position
before opening cover.

Valley Remote





Control & Monitoring

BaseStation3™ Total Control – Anywhere

BaseStation3 is the most comprehensive, flexible, state-of-the-art irrigation management product available. This innovative technology gives you unprecedented control over your operation. Choose an Internet-connected installation or a stand-alone installation – a choice no one else offers. Select cellular, data radio or Internet protocol, and manage your pivots from any computer, laptop, tablet or smartphone.



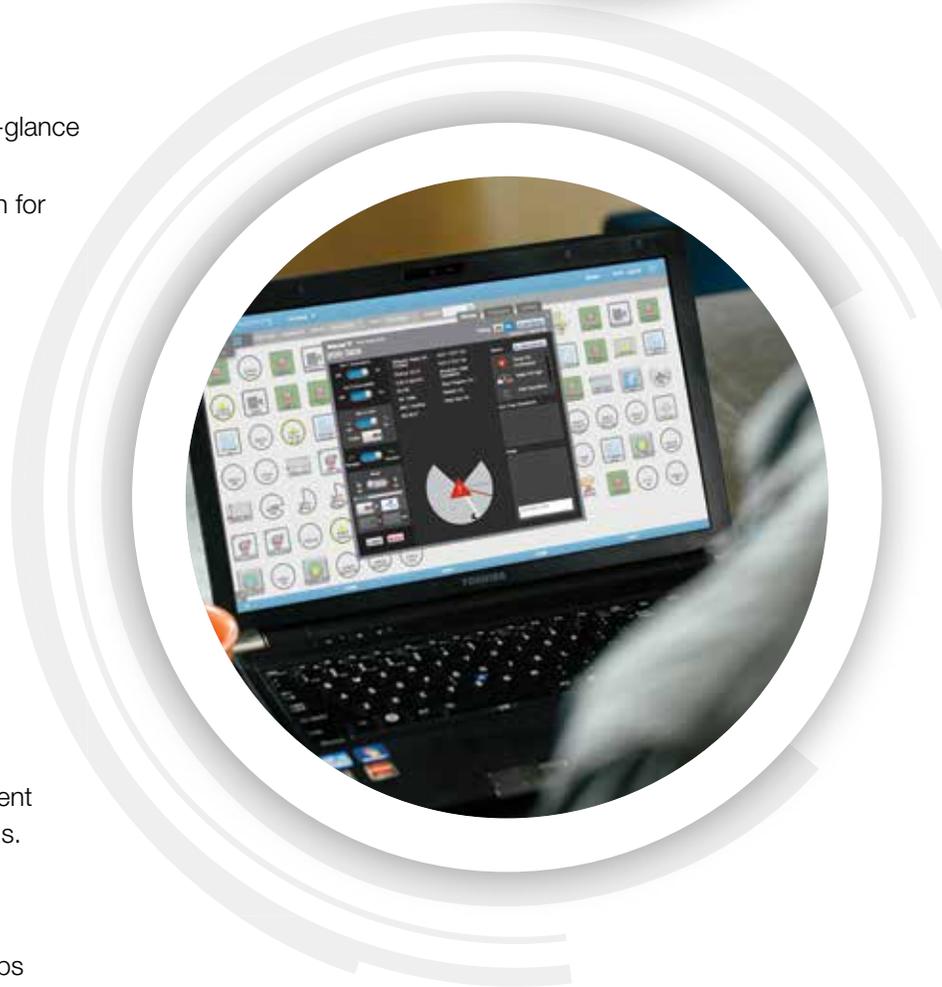
Web-Based Interface

- Allows multiple and simultaneous users
- Provides alert notifications and instant, at-a-glance status updates
- Intuitive and easy to use, but flexible enough for any size operation
- Expands to grow as your operation grows

Introducing Valley Irrigation Exchange™

Available exclusively with BaseStation3, Irrigation Exchange™ is the first and only product that connects precision irrigation data to the other software systems used to manage your farm.

- Share irrigation data with your agronomist, seed company and other partners.
- Integrate all field information to make data-driven decisions on water application and nutrient management.
- Manage and monitor your irrigation equipment from within other farm management systems.



Beyond the Ordinary

- Native iOS (iPhone®, iPad®) and Android apps available for enhanced mobile experience
- Data received from Irrrometer® WATERMARK soil moisture sensors
- Provides quick notification if any field approaches cautionary status range for soil moisture
- Allows for informed irrigation decisions based on the amount of moisture in the crop root zones
- User management tools, varied scheduling and customized reporting
- End gun templates allow quick and easy changes to settings



AgSense®

AgSense® remote irrigation management products use digital cellular technology to remotely monitor and control irrigation equipment. The benefit of choosing AgSense goes beyond feature-rich products. You also gain access to WagNet®, a global network built specifically for the ag industry. WagNet (Wireless Agriculture Network) captures data, aggregates it and delivers it back to you, so you can put the information to work.

Field Commander® Ultimate Precision Irrigation Package

This package combines several AgSense technologies into one kit for unmatched versatility in remote monitoring and management of virtually all irrigation equipment, regardless of brand, age or current capabilities. Remotely monitor and control center pivots and pumps, along with monitoring flow, pressure and weather. Capabilities include Variable Rate Irrigation and custom prescription programming by growers or their agronomists. Soil moisture monitoring can also be added.



Field Commander®

The Field Commander® is a GPS-driven, center pivot monitoring and control tool that provides real-time information and up-to-the-minute alarms to your cell phone, smart phone or computer.

- Works on all brands and vintages of pivots and panels
- Allows remote implementation of your irrigation prescriptions
- Provides cable theft monitoring
- Turns your smartphone, tablet or desktop computer into a “Virtual Control Panel”

CommanderVP™

The new AgSense CommanderVP™, which replaces the Valley TrackerSP, provides full remote monitoring and control of your center pivot and control panel, including start, stop, speed, standard VRI, zone VRI, wet/dry control and auxiliary ports. New features include the ability to program and control end guns remotely; automated control of pumps via CropLink; inputs for optional equipment to report rain, temperature and flow; and optional monitoring and alerts for wire theft in progress. CommanderVP offers a broad range of user-selectable text and email alerts, and comprehensive historical reporting of run times, pump on/off, gallons pumped and acre/inches applied of water. A field-changeable cell modem makes it compatible with virtually all cellular providers around the globe, as well as preventing changing cell technology from making it obsolete.

Crop Link®

Crop Link® gives you the ability to monitor and control multiple farm devices from one place, giving you a better idea of what is going on in your field.

Aqua Trac

Aqua Trac gathers data from soil moisture probes and delivers it you through WagNet. You can easily implement irrigation decisions based on soil profile moisture content from your computer or smartphone.

Valley Remote Control & Monitoring



Global Positioning System (GPS)





GPS Position

GPS Ready control panels from Valley give you another choice in positioning your center pivots and linears. The GPS receiver collects and sends position data to the GPS Ready control panel, allowing you to precisely apply different levels of water, crop fertility products or other inputs.

- Available for center pivots and linears
- Requires a GPS Ready control panel: TouchPro, Pro2, Select2 or AutoPilot Linear
- Gathers accurate machine position data
- Compatible with the NovAtel GPS receiver, which is dual channel and does not require a correction to achieve less than 10 feet, 95% typical
- WAAS (Wide Area Augmentation System) enabled Garmin® receiver provides accuracy of 15 feet, most installations reach greater accuracy
- Offers a potential for higher yields and lower input costs because water is applied more efficiently



For Valley Linear and Corner Machines

GPS Guidance eliminates maintenance issues associated with existing guidance options and minimizes variances in water application.

- Available for linears and corners
- Eliminates need for below-ground, above-ground or furrow-guidance options
- Easily reprogrammable with the custom Valley mapping tool for changes in farm practices or field boundaries
- Diverse platform supports multiple brands of RTK receivers, such as John Deere® and Trimble®
- Trimble RTK receiver compatible with existing Trimble RTK networks
- Easily retrofitted for most existing corners and linears

Control Conversion

A new control panel helps eliminate electrical shutdowns and allows you to control your machine safely and efficiently.

Almost all center pivot brands can be updated with Valley control panel technology. Conversion opens up opportunities to use remote control and monitoring.

A panel upgrade can improve performance for a minimal investment. Enhance your irrigation management options on Valley or non-Valley machines, while conserving water and saving time.

Tower Box Conversion

Looking for a high value with a minimal investment? A Valley tower box and alignment conversion can substantially reduce electrical shutdowns on older pivots, which means less downtime. Almost all pivot brands can be converted.

With a Valley tower box and alignment package, non-Valley pivots run more reliably.

Contact your local Valley dealer today for more information on a tower box conversion.

Direct Control

Remote Controls

	Classic	ClassicPlus	Select2	Pro2	TouchPro	Field Commander Pro*	CommanderVP	BaseStation3
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MONITOR

Pivot On/Off	●	●	●	●	●	●	●	●
Pivot Voltage	●	●	●	●	●	●	●	●
Direction	●	●	●	●	●	●	●	●
Auto Restart On/Off		●	●	●	●	●	●	●
Safety	●	●	●	●	●	●	●	●
Diagnostics			●	●	●	●	●	●
Application Depth			●	●	●	●	●	●
Speed	●	●	●	●	●	●	●	●
Water On/Off	●	●	●	●	●	●**	●	●
Stop-In-Slot On/Off	●	●	●	●	●	●	●	●
VRI On/Off			●	●	●	●	●	●
Pressure	●	●	●	●	●	●**	●	●
End Gun			●	●	●	●	●	●
Programs Running			●	●	●	●	●	●
Field Position			●	●	●	●	●	●
Date			●	●	●	●	●	●
Time			●	●	●	●	●	●
Hours/Revolution			●	●	●	●	●	●
Auxiliary Control Status				●	●	●	●	●
Panel Lockout Status				●	●	●	●	●
Smartphone						●	●	●
Alarm Feature					●	●	●	●
Internet Connectivity						●	●	●
GPS Ready			●	●	●	●	●	●
Soil Moisture							●	●

CONTROL

Configurable Main Screen					●			
Start	●	●	●	●	●	●	●	●
Stop	●	●	●	●	●	●	●	●
Water On/Off	●	●	●	●	●	●**	●	●
Application Depth			●	●	●	●	●	●
Speed	●	●	●	●	●	●	●	●
Direction	●	●	●	●	●	●	●	●
Stop-In-Slot On/Off	●	●	●	●	●	●	●	●
Stop-In-Slot Angle			●	●	●	●	●	●
End Gun Settings	●	●	●	●	●	●	●	●
Auto Reverse/Auto Stop	●	●	●	●	●	●**	●	●
Auto Restart		●	●	●	●	●	●	●
Write/Edit Programs			●	●	●	●	●	●
VRI Speed Control			●	●	●	●	●	●
Cruise Control				●	●	●	●	●
VRI Zone Control				●	●	●	●	●
Enable/Disable VRI			●	●	●	●	●	●
Auxiliary Control	●	●	●	●	●	●**	●	●
Sector Program Control			●	●	●		●	●
Sequential Program Control				●	●			●

DESIGN

Modular		●	●	●				
Touch Screen Interface					●			
Warranty (years)	2	2	3	5	5	2	2	2
Transient & Induced Voltage protection			●	●	●		●	●
NEMA 3R Industrial standards applied	●	●	●	●	●		●	●

*AgSense Field Commander Pro level service shown. Ask your dealer about other levels of service offered.

**Additional equipment required.



See your local authorized Valley dealer for complete details.



Valmont® Irrigation has a policy of continuous product improvement and development. As a result, certain changes in standard equipment, options, price, etc. may have occurred after the publication of this brochure. Some photographs and specifications may not be identical to current production. Your local Valley® dealer is your best source for up-to-date information. Valmont Irrigation reserves the right to change product design and specifications at any time without incurring obligations.

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