

Valley Controls



RELIABLE
DRIVE TRAINS

DURABLE
STRUCTURES

PRECISE
APPLICATIONS

ADVANCED
TECHNOLOGIES

RESPONSIVE
DEALERS



Valley® BaseStation2-SM

Reliable remote irrigation management from Valmont Irrigation combines the ability to monitor soil moisture status with remote monitoring/control of center pivot and linear irrigation equipment with the introduction of BaseStation2-SM. The BaseStation2-SM is a dedicated, centralized irrigation management system for your computer, custom-designed for your application by Valmont Irrigation.

Check all of your pivots and linears on one screen with the mapping feature, as well as monitor and control pumps, valves, and other devices without the need for additional trips to the fields. Generate reports for year-to-year comparisons and look at your control panel the same way you would see it in the field.



BaseStation *Mobile*

You can now monitor and control your center pivots and linears with BaseStation *Mobile*, available on Smartphones and tablets. Internet connection is required.

iPhone® and iPad® are trademarks of Apple Inc., registered in the U.S. and other countries.

Contact your local Valley Dealer or Agent to view the BaseStation2-SM demo.

Valley Tracker™

No more driving long distances or going through fields in the middle of the night to check or stop your irrigation equipment. With Valley Tracker products, you can remotely communicate with your center pivots and linears via Internet, Smartphone, mobile phone, or tablet, significantly decreasing costs and wasted time. View the Tracker demo at <http://valleytracknet.com>.

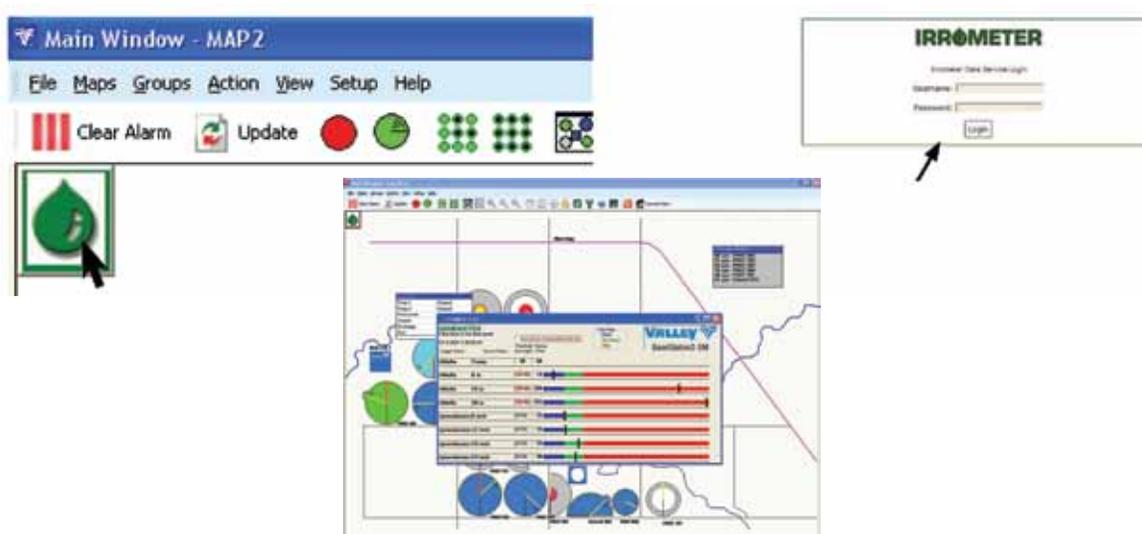


TrackerLT

- Can be used on any Valley center pivot
- Stops pivot
- Utilizes GPS Position
- Controls end guns
- Controls stop-in-slot positions
- Monitors direction, position and water pressure (pressure transducer required)
- Create and set the speed for up to 9 sectors with the Independent Speed feature
- **Not available in all markets**

Soil Moisture Monitoring

Monitoring your operation has never been more advanced! Now, with the help of Irrrometer® WATERMARK® soil moisture sensors, you can schedule your irrigation to avoid over or under watering your field. You install WATERMARK sensors in your field at different depths, allowing you to read the level of moisture present within the soil. The Irrrometer screen within BaseStation2-SM shows soil moisture information for all of your fields where sensors are installed, illustrating the most recent activity. Visit www.Irrrometer.com to view even more detailed readings and history, click the Irrrometer logo from the BaseStation2-SM screen.



TrackerSP

- Can be used with the TouchPro™, Pro2, and Select2 control panels
- Reviews field diagnostics
- Monitors most remote features, including application depth, diagnostics, end guns, and field position
- Controls start/stop, water on/off, direction, and auxiliaries
- Communication path via GPRS
- Limited functionality with linear machines
- Now available in Spanish
- **Not available in all markets**

Tracker Mobile

The Tracker Mobile utilizes your Smartphone and the Internet to retrieve monitoring and control panel options from Valley Tracker products. To visit the Tracker Mobile website, log onto <http://m.valleytracknet.com>.

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Valley Control Panels

TouchPro™



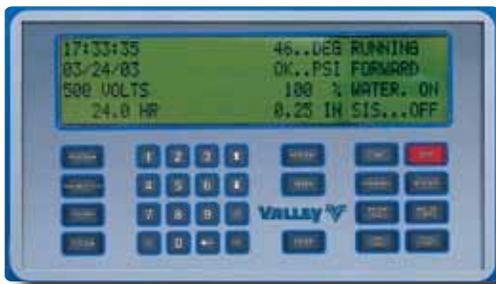
The TouchPro control panel with touch technology is designed to provide you with powerful yet user-friendly control of your center pivots. This control panel includes a full-color main screen that can be customized to show only those control features and management information that are important to your operation.

- Improved load management programming
- Graphical view of pivot position
- End gun positions
- Wide boundary positions



Compatible with:

- Center pivots
- Corners/Benders
- BaseStation2-SM
- Tracker™



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 **Cruise Control™** feature offers automatic speed adjustment of your center pivot based on completing a defined number of degrees in a specific amount of time.

Compatible with:

- Center Pivots
- Corners/Benders
- BaseStation2-SM
- Tracker™

- Programmable functions based on date, time, and position
- Precisely apply water, fertilizers, and chemicals
- Backlit screen display
- Advanced sensory and auxiliary functions

Select2



With its programmable features, the Select2 control panel incorporates the same field-proven processor technology as the Pro2.

- Backlit keypad
- End gun
- Stop-in-slot
- Auto reverse positions
- Pivot position reporting
- Field sector controls to change water application for different crops or soils



Compatible with:

- Center Pivots
- Corners/Benders
- BaseStation2-SM
- Tracker™

AutoPilot Linear



The AutoPilot Linear control panel includes several features that are beneficial to you. The control panel displays the position and direction of travel of the linear machine, allowing you to program linear operations based on those readings.

- Ability to change percent speed timer
- Turn primary and secondary end guns on/off
- Change direction
- Stop linear
- Start/stop chemigation based on linear's field position



Compatible with:

- Linears
- BaseStation2-SM
- Tracker™



ClassicPlus

The ClassicPlus control panel offers easy-to-operate switches for manual operation, and is available on center pivot, corner, and linear equipment.

- Mechanical auto reverse
- Mechanical pressure switch to monitor for low pressure
- Percent timer dial to control application
- Optional mechanical switches to set pivot direction
- Can be upgraded to computerized control panel

Compatible with:

- Center Pivots
- Corners/Benders
- Linears
- BaseStation2-SM (w/PanelLink)

Classic

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

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



Compatible with:

- Center Pivots
- BaseStation2-SM (w/PanelLink)

Global Positioning System (GPS)



For Valley Linear and Corner Machines

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

- Available with linears and corners
- Eliminates the need for below-ground, above-ground, or furrow guidance options
- Can easily program the field map with the custom Valley mapping tool to best match 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 and can be easily retrofitted to all corners and most linears
- **Not available in all markets**



GPS Position

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

- Requires a GPS Ready control panel: TouchPro™, Pro2, Select2, or AutoPilot Linear
- Available with center pivots and linears
- Allows the grower to gather accurate data about the machine's position
- Can program control panels to apply different levels of water and crop protection/fertility products
- Is compatible with the NovAtel GPS receiver, which is a dual channel and does not require a correction to achieve +/- 3 m (+/- 10')
- Offers a potential for higher yields and lower input costs because water is applied more efficiently

GSM CableGuard Monitor

The GSM CableGuard Monitor is a voice and SMS (text message) dialing system used to monitor the span cable, machine power, and safety circuit status. The phone utilizes a SIM card to store phone numbers or to set customized operating parameters.



Control Options for You

	Direct Controls						Remote Controls		
	Classic	ClassicPlus	AutoPilot Linear	Select2	Pro2	TouchPro™	TrackerSP	TrackerLT	BaseStation2-SM
MONITOR									
Machine on/off	✓	✓	✓	✓	✓	✓	✓		✓
Voltage	✓	✓	✓	✓	✓	✓	✓*		✓
Direction	✓	✓	✓	✓	✓	✓	✓	✓	✓
Safety	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diagnostics	✓	✓	✓	✓	✓	✓	✓		✓*
Application depth %			✓	✓	✓	✓	✓	✓	✓*
Water on/off	✓	✓	✓	✓	✓	✓	✓		✓*
SIS on/off	✓	✓	✓	✓	✓	✓	✓		✓*
Pressure	✓	✓	✓	✓	✓	✓	✓*	✓	✓*
End gun				✓			✓	✓	✓
Programs running			✓		✓	✓	✓*		✓
Field position			✓	✓	✓	✓	✓*	✓	✓*
Date			✓	✓	✓	✓			✓*
Time			✓	✓	✓	✓			✓*
Hours/revolution			✓	✓	✓	✓			✓*
Auxiliary control status			✓		✓	✓	✓*		✓*
Percent timer status			✓	✓	✓		✓	✓	✓
Smartphone							✓	✓	
Alarm feature							✓	✓	✓
Internet connectivity							✓	✓	✓
GPS control			✓	✓	✓	✓			
Soil moisture									✓
Variable Rate Irrigation				✓	✓				
CONTROL									
Start/stop	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water on/off	✓	✓	✓	✓	✓	✓	✓		✓
Application depth	✓	✓	✓	✓	✓	✓	✓		✓
Direction	✓	✓	✓	✓	✓	✓	✓		✓
SIS on/off	✓*	✓	✓	✓	✓	✓	✓	✓	✓*
End gun settings	✓	✓	✓	✓	✓	✓		✓	✓*
Auto reverse/auto stop	✓*	✓*	✓	✓	✓	✓			✓*
Auto restart		✓*	✓	✓	✓	✓			✓*
Write/edit programs			✓	✓	✓	✓			✓*
Auxiliary control			✓		✓	✓	✓*	✓*	✓*
Sector program control			✓						
Sequential program control			✓		✓	✓			✓*
DESIGN									
Modular		✓		✓	✓	✓			✓
Transient & reduced voltage protection				✓	✓	✓	✓	✓	✓
Industrial standards applied	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ = included

✓* = included if control has functional capabilities

Extend the Life of Your Machines

Control Conversion

Look to Valley Irrigation to see how a panel upgrade can improve your performance for a minimal investment. Enhance your irrigation management options on either Valley® or non-Valley machines, all while conserving water and managing time.

Contact your Valley Dealer or Agent today for more information on the simple and cost-effective conversion options that only Valmont Irrigation can give you.

Control Panel Upgrade

- A new control panel helps to eliminate electrical shutdowns
- Control your machine safely and efficiently
- Almost all center pivot brands can be updated with Valley control panel technology. Conversion opens the opportunities to utilize remote control and monitoring

Tower Box Conversion

Get a high value for a minimal investment. With a Valley tower box and alignment conversion, you have the capability to substantially reduce electrical shutdowns on older pivots. Almost all pivot brands can be converted. With a Valley tower box and alignment package, non-Valley pivots run reliably and durably.

Upgrade to
Pro2 for
Cruise Control™



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www.CirclesForRice.com

See your local authorized Valley Dealer or Agent 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 specification at any time without incurring obligations.