

Simply improving your position.<sup>™</sup>





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### Envizio Pro II

#### **High Value Features and Benefits**

reduce cab clutter at the same time.

you've been, where you're going and where you are at downfield and birds-eye views to fit your different that moment. Enhanced navigation with bold, easy-to-use operating needs at all times. Ideal for checking field icons simplifies operation—and a special day/night mode coverage and skips one minute—and navigating the next. offers clear viewing even in dark and low-light conditions.

equipment for convenient all-in-one tracking and sub- before leaving the field. Just another one of the many meter accuracy, using WAAS and EGNOS satellite signals. on-screen features that help you do more with less. Easily upgraded with a simple authorization code to sub-inch accuracy using RTK and GLONASS correction Four field patterns to choose from means easier line your operating needs and conditions.

Dual-product control gives you an extra dimension and shaped fields. capability for efficient liquid, granular, NH3 and planter applications and controls. That includes direct injec- Real-time data mapping, field reports and record tion for even greater savings in time and money.

capitalizes on Envizio Pro's prescription map capability season to the next. to help you get more out of your fields—and do it with less waste, fewer inputs and a smaller chemical footprint. Two USB ports allow you to transfer field data easily— Easy steps for importing and retrieving your prescription like coverage records and application rates—from your maps when you're ready for this upgrade. (Optional)

Scalable to Slingshot™ RTK/Online capabilities for tions—and access to a new world of power with in-cab to record, analyze and make the best use of field data from secure online accounts, transferring prescription for higher level analysis. maps and application files on the fly, slashing downtime and eliminating operator error with in-cab access to sup- Industry compatible technology allows you to share, port from your Slingshot dealer—and more!

shaped fields. Our newest version includes automatic need to do. correction intelligence to virtually eliminate the possibility of repeating an error made on any one pass.

Multi-functional design links the other parts of your 3D moving-map guidance display helps keep you precision ag system together with a single in-cab console. on line in any pattern—straight, fixed curve, pivot and The sturdy, RAM-mounted console gives you complete enhanced Last Pass. The high-resolution landscape system control with the touch of a finger—and helps screen makes your progress easy to see. And with the day/night mode, you can stay on course 24 hours a day.

Brilliant 6.5" touch-screen display lets you see where Multiple screen views let you switch on the fly between

Field review screen allows you to check field coverage Integrated DGPS dual frequency receiver is standard on the spot—and correct any skips or missed areas

signals. Multiple antenna options are available to match acquisition and faster, more accurate field coverage. Patterns include straight A-B, fixed curve and pivot, plus Raven's exclusive Last Pass feature for irregularly

keeping give you the tools and information you need to improve your bottom line by saving time, reducing input Optional single-product variable rate technology costs and improving overall performance from one

> field to the office with a simple thumb drive for better farm management and analysis.

repeatable sub-inch accuracy, ZERO line-of site limita- BMP and SHP file formats greatly enhance your ability high-speed Internet access. Like transferring data to/ from simple coverage data to geo-referenced shape files

collect and print data from commonly used industry software and equipment without problems. With Last Pass guidance is the industry's easiest-to-operate Raven, you don't have to worry about proprietary or contour guidance technology—perfect for irregularly compatibility issues keeping you from doing what you

### It takes a system: Superior. Seamless. Scalable.

FIELD COMPUTERS	GUIDANCE AND STEERING	APPLICATION CONTROLS	BOOM CONTROLS	PLANTER CONTROLS
Viper Pro~	Cruizer II <sup>™</sup>	SCS Consoles	AutoBoom <sup>-</sup>	OmniRow™
Envizio Pro II <sup>™</sup>	SmarTrax RTK <sup>™</sup>	Switch Pro-	AccuBoom™	AccuRow™
Envizio Pro~	SmarTrax~	AccuFlow HP <sup>™</sup>	SmartBoom≈	SmartRow™
	SmartSteer≅	AccuFlow~		CropStart II
V	GPS Receivers	Sidekick Pro~: Dir. Injection		
W	RGL Series Lightbars	Sidekick :: Direct Injection		
		RFM Flow Meters		
		Valve Products		
		FlowMax™		
	_	DCS Consoles		
	DOM.			
Viper Pro	o™: The nex	kt step up.		

If your operating needs call for more system power and application controls than Envizio Pro II can comfortably provide, it's time to step up to the Viper Pro field computer. Viper Pro comes with a larger 10.4" vertical touch-screen display, more memory, faster processing and wireless Internet capability. Loaded with capability, Viper Pro is equipped to handle five different product applications at the same time, each with its own variable application rate for maximum savings and performance. GPS receiver sold separately.

**Raven Industries** 1-800-243-5435 RavenPrecision.com

Raven Industries-Canada 1-800-793-2155 RavenCanada.com



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#### Raven: Simply improving your position.<sup>5M</sup>

Adding Raven to your operation brings an unequaled brand of precision agriculture innovation and performance to your farm.

Imaginative products that are relevant and reliable. A thoughtful approach to solving problems unique to agriculture. Seamlessly integrated systems that simply work — simply.

An incredible depth of human resources: On-the-ground service from Raven Precision Ag Specialists; our customer-oriented product development and support staff; and your local Raven dealer or distributor.

Raven offers a powerful and profitable product portfolio — targeted precisely on what matters most: Reducing input costs. Increasing yields. Saving time and labor. Making better decisions. Enhancing environmental stewardship. Achieving your financial objectives.

It's all about improving your position. Pinpointing exactly where you are in your field. Applying best management practices to grow more with less. Helping you meet challenge, cope with change and capitalize on opportunity. Strengthening your balance sheet.

If you want to farm better, smarter and more profitably, discover Raven. Because improving your position is our highest priority.

# Envizio Pro II



Complete control and capability in one simple package for greater savings and performance.

Simply improving your position.

## Envizio Pro II



Envizio Pro II is Raven's complete multi-function field computer or growers, with more power to control, simplify and improve virtually every phase of your farming operation. From your

first pass to your last, Envizio Pro II is the perfect interface for tying your different system functions together—and rewarding you with greater efficiency, performance and savings.

Total control. No gaps. Seamless operation. Envizio Pro II is the driving force for all of your system functions. From integrated GPS technology, advanced data mapping and record keeping to dual product control, boom management, assisted steering and planter controls. Compatible with Slingshot RTK/Online Service, Envizio Pro II works seamlessly to deliver greater efficiency and performance.

**Doing more with less.** With the latest in advanced computer software and wireless RTK technology, Envizio Pro II brings a new level of accuracy and control to virtually every production area. That means greater savings in farm inputs with more efficiency and productivity from planting to harvest.

Designed for growers. Scalable. Envizio Pro II is intelligently designed for the grower market with the extra power, functionality and simplicity to accommodate your changing needs—and grow your capabilities when the time is right. Compatible with commonly used industry software and equipment to make your job even easier.

Guiding you toward profitability. Envizio Pro II's benefits go straight to your bottom line—especially when you consider all of the powerful time-saving and productivity-enhancing features.

### Powering your farming potential with ease and precision.

#### Planter Controls

- Total planter control and seed monitoring by row or sections for maximum yields and savings.
- Variable rate seeding (prescriptionbased or manual) for greater efficiency and yields in every field.
- Real-time singulation reporting by row to immediately identify problems and eliminate skips/doubles.
- Automatic GPS-guided on-off control by row for point rows and no-plant zones for faster, more efficient planting—and eliminating cross planting.
- Scalable to RTK sub-inch accuracy for amazing year-to-year repeatability.
- Concurrent seeding/monitoring of multiple varieties for testing seed performance.
- Replanting capability down to a
- Population reports/mapping for improved records and management decisions.

#### Application Controls

- Total boom section and height controls for superior coverage, maximum yields and greater savings.
- Automatic GPS-guided on-off section control for faster, more precise applications—and savings.
- Dual-product capability for added efficiency and convenience. Single-product VRA for greater yields
- and efficiency in changing soils. Application reports/mapping for improved records and manage-
- Assisted-steering capability for faster, hands-free applications

ment decisions.

#### Yield Monitoring (Optional)

- Envizio Pro II works seamlessly with SmartYield<sup>™</sup> yield monitoring system for real-time monitoring of crop yields and moisture content during harvest.
- Accurate geo-based yield records give you critical performance data for better decisions, greater savings and higher yields.
- Records and displays bushels per acre and moisture content for calculating yields in-field for all major grains.
- Optical sensor with hillside compensation ensures more accurate vield data, easier calibration and faster startups.
- Pre-set combine calibration numbers for all major makes and models for even simpler startup.

**Planter Controls** 

#### Slingshot<sup>™</sup> Online/RTK (Optional)

- In-cab wireless RTK correction signals via cellular phone networks for greater reach and accuracy. Also compatible with public CORS networks.
- ZERO line-of-site RTK signal limitations.
- In-cab high-speed Internet access for real-time communications with any computer—anywhere.
- Seamless data transfer to/from secure online accounts via the Internet.
- files and other data on the fly.
- changing settings and profiles from distant locations.
- · Available through select Slingshotcertified dealers around the world.

- Repeatable accuracy with RTK sub-inch capability.
- Transfer prescription maps, application
- Remote service capability for

#### **Yield Monitor**



**Application Controls** 

The Envizio Pro II may seem like more than one field computer because of all that it does, but it's not. This easy to use multi-function field computer for growers is uniquely designed with all the brainpower you need to drive every aspect of your precision ag system for greater savings, efficiency and performance. It's also Slingshot-ready for wireless data transfer, remote support capabilities, high-speed Internet access—and more.

### World-class options for your precision ag system.

**Envizio Pro II** is the "great enabler" when it comes to building a world-class precisionbased system to help get you where you want to go. Raven's innovative system options work seamlessly with your Envizio Pro II field computer to surpass your operating goals and expectations—simply.

Now available with RTK corrections

simplicity when moving it from one

machine to the next. You don't even have

to remove the steering wheel!

(SmarTrax RTK<sup>™</sup>) for sub-inch accuracy.

AccuBoom Automatic Section Control

**AccuBoom**™ Automatic boom section

control with CANbus technology for extra

chemical savings and environmental

benefits. Perfect for eliminating skips

and avoiding no spray zones and previ-

SmarTrax<sup>™</sup> The most accurate GPS assisted hydraulic steering package in its class. Offering 3D compensation and hands-free No Spray Zone steering at speeds up to 27 mph with faster line acquisition and more accurate spraying, spreading, seeding and tillage.

ously sprayed areas.

AutoBoom™ The ultimate in automatic boom height control. Makes it possible to spray more acres in less time—and less effort. Ideally suited for booms of all sizes and for controlling larger booms with ease. Innovative design also reduces wear and tear on valuable equipment. Three system options to choose from to fit your needs and budget.

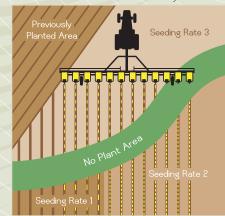
AutoBoom Automatic Height Control



control system works seamlessly with the Envizo Pro II field computer at the helm. Enabled with Slingshot™ RTK sub-inch accuracy, variable rate seeding, automatic row-by-row on-off planter controls, realtime singulation to guarantee precision and eliminate skips/over-planting. Singular OmniRow motor-clutch design delivers unmatched reliability and performance.

OmniRow<sup>™</sup> Raven's advanced planter

OmniRow Advanced Planter Control System



Switch Pro<sup>™</sup> Innovative design allows you to upgrade easily from Raven's SCS or non-mapping control systems to a multifunction field computer like Envzio Pro II without having to install a new cable/ harness system. Easy to use and even easier to install with up to 10-section product control. Simply replace your existing console with Switch Pro and you're good to go.

Your Raven brand distributor and Precision Ag Specialist have the training and experience it takes to help you build the best precision ag system for your operation. At Raven, we make it simple.