

**RAVEN**

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

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It takes a system:  
Superior. Seamless. Scalable.

FIELD COMPUTERS	GUIDANCE AND STEERING	APPLICATION CONTROLS	BOOM CONTROLS	PLANTER CONTROLS
Viper Pro	Cruizer	SCS Consoles	AutoBoom	AccuRow
Envizio Pro	SmarTrax™	RFM Flow Meters	AccuBoom	CropStart II
	QuickTrax	Valve Products	SmartBoom	
	FarmPRO™	AccuFlow		
	GPS Receivers	Sidekick: Direct Injection		
	RGL Series Lightbars	Switch Pro		
		FlowMax		
		DCS Consoles		



**Envizio Pro: The next step up.**

If you want a guidance system with even more capability than Cruizer, consider the Raven Envizio Pro field computer. Envizio Pro offers options for boom section control, boom height control, dual product control and variable rate control. An even larger 6.4" color touch screen and other features make Envizio Pro the next logical step up for growers who want to bring even more Raven technology into their operations.

# Cruizer™

**Raven: Simply improving your position.<sup>SM</sup>**

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

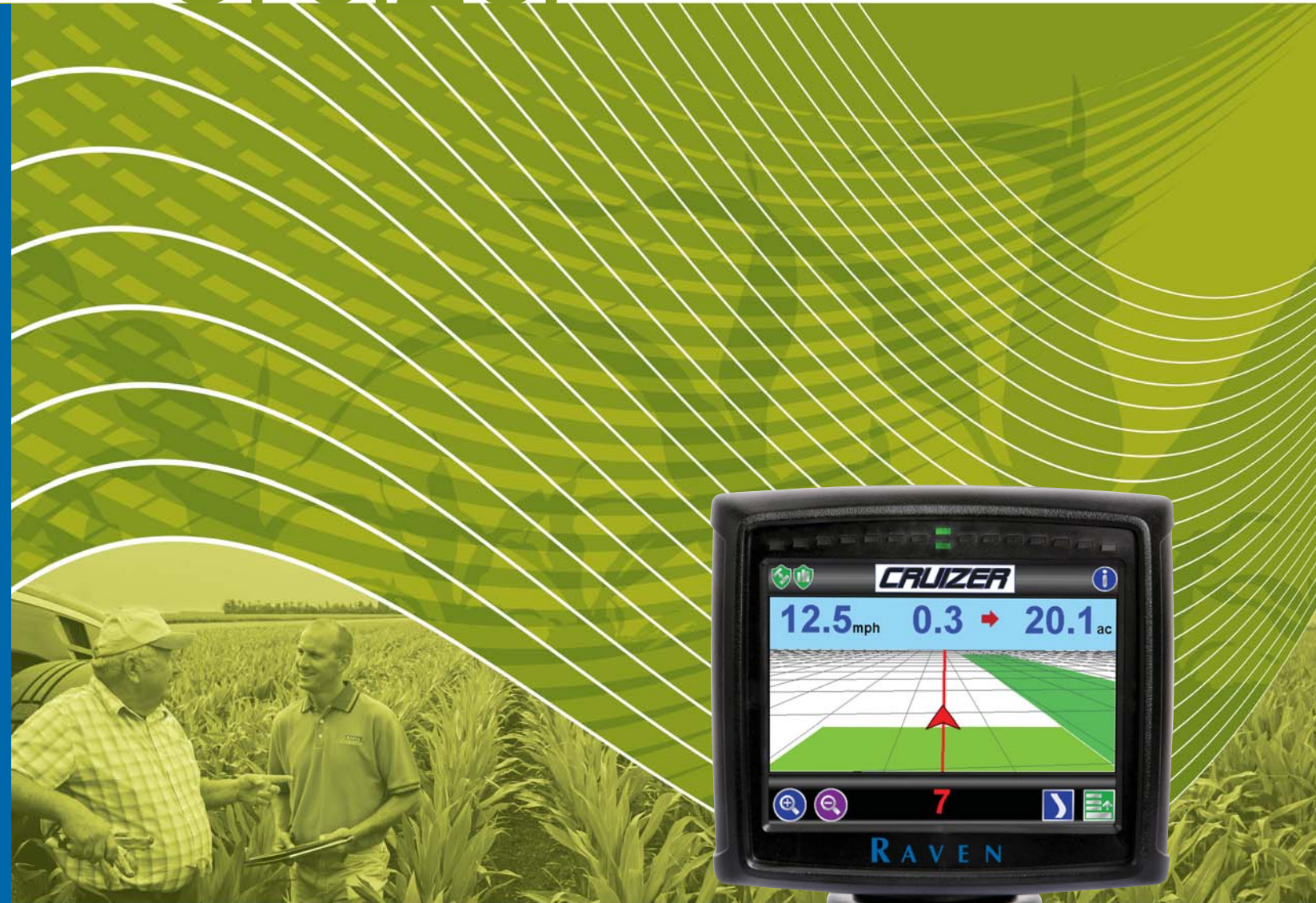
Imaginative products that are relevant and reliable. A thoughtful approach to solving problems unique to agriculture. Seamlessly integrated systems that simply work — simply.

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.



Guidance made simple and affordable.

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

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



# Cruizer™



If you've been waiting to add guidance to your operation, your wait is over.

With Raven Cruizer, you can add the benefits of an easy-to-use precision guidance system to your farm without having your budget go off-course. Because we've removed two of the biggest obstacles—complexity and high cost.

Cruizer is simple in every way. Simple to install. Simple to operate. Simple to understand. And since Cruizer is surprisingly affordable, you enjoy a quick payback through improved efficiency and input usage. Fast and easy installation and simple operation mean you can get set up and get in and out of the field more quickly.

Rising input and labor costs require you to manage your operation even better. With Cruizer, you can avoid expensive overlaps that waste time, money and product. You can avoid skips that reduce effectiveness and profitability. You can see where you're going, where you've been and how many acres you've covered—right there on the bright display screen. You can view your field from a variety of perspectives right from your cab—and you can even change patterns on the fly.

**Increase your flexibility.** Cruizer brings greater accuracy and efficiency to a variety of operations—from tillage to seeding to spraying to harvesting. You can easily move Cruizer from tractor to tractor—even tractor to truck. Cruizer is also a great "second" guidance unit for equipment and applications that don't require upper-end capability or investment.

**Less stress. Less fatigue.** Cruizer's easy to read guidance display means you have one less thing to worry about while you're working. Instead of keeping track of where you are in the field, you can concentrate on other important activities and information. You can make life even less stressful with an upgrade to Raven assisted steering.

**Guiding you toward profitability.** Cruizer benefits go straight to your bottom line—especially when you consider Cruizer's competitive price and quick payback on your investment. With Cruizer in your cab, you can know more, control more—and make more.

**Cruizer offers sophisticated guidance technology in one affordable, easy to use unit.**

**Large 5.7" full-color high-resolution touch screen display** features easy-to-understand icon-based menus and status indicators for simple operation. Day/night mode ensures great visibility at any hour of the day.

**Integrated lightbar system** for additional visibility, guidance and reassurance.

**Easy installation** allows you to get your Cruizer on the job in just minutes. Cruizer comes with a RAM® mount bracket. A cigarette lighter adapter serves as the in-cab power source. Stick the antenna on the top of the cab and you're ready to go.

**Built-in 10 Hz DGPS receiver** provides swath guidance and coverage area information using accurate sub-meter guidance of 9" pass to pass. Cruizer comes with an external DGPS antenna. *NOTE: Some regions may require an upgrade to a MBA-3 helix antenna for optimum performance. Check with your Raven dealer.*

**Enhanced "Last Pass" Guidance** is the industry's easiest to operate contour guidance technology—perfect for irregularly shaped fields. Our newest version includes automatic correction intelligence to virtually eliminate the possibility of repeating an error made on one pass.

**Record keeping made simple** with the use of a thumb drive. With **bitmap** files, you can quickly save and print reports showing your coverage map, acreage covered, etc. The **SHP (Shapefile)** files

are geo-referenced and can be imported into most standard mapping software. And with **KML** files, you can import your coverage information into Google™ Maps or Google™ Earth, using their free software to overlay your coverage map on satellite images of your fields—the ultimate in cool.

**Choice of patterns** allows you to easily switch between A-to-B, Last Pass and Pivot patterns. You can also switch between A-to-B and Last Pass on the same job.

**See what you need to see** with your choice of bird's eye view or downfield 3-D perspective. Field review screen helps verify coverage and identifies skips. Cruizer also calculates acreage within a defined boundary, so you can know just how much ground you covered.

**Simple upgrades** allow you to add Raven assisted steering (SmarTrax™) or Raven tilt sensor for even more capability, simplicity and efficiency.

**Free software updates** are available online. You can also sign up for e-alerts and we'll notify you when a Cruizer update has been posted on our Web site.

**Cruizer Care** is an optional service plan that extends your warranty, gives you priority status when you call our service center, and ensures free next day shipment of a replacement Cruizer if needed. Talk with your Raven dealer for more information. *NOTE: Cruizer Care is only available in the U.S. and Canada.*

