



CR7 Field Computer
For Guidance, Steering, Mapping,
Section & Rate Control



Includes Virtual Terminal (ISO VT)

Rate Control Modules Sold Separately

Raven's Compact, Yet Powerful Field Computer. The CR7 is a 7" lightweight field computer with a simplified widget concept. Customizable in-job layouts, easily accessible settings and ISO VT and Task Controller capabilities make this unit a plug-and-play option for building an affordable system. Pair the CR7 with a compatible GPS receiver and antenna to get all the benefits of *Slingshot*® file transfer and remote support, autosteer and guidance, *AccuBoom*™, *Raven SCS* serial consoles and sub-meter single frequency GPS and GLONASS. Includes 500S GPS Smart antenna.

Features: Multiple language support and customizable units • Simplified, customizable widget layout • Access settings page from inside a job • Map based navigation • Auto field boundaries keep you organized automatically • Interactive field/job list and map view • Slingshot-ready for file transfer, remote support and OTA software updates • Compatible with *Raven AccuBoom*, *SCS* serial control consoles and external lightbar support • ISO Virtual Terminal and Task Controller functionality via unlock or subscription • Straight A-B, A plus heading, pivot, contour and last pass guidance. Compatible with Sidekick PROISO • Compatible with Autosteer products including SmarTrax and SmarTrax MD • Sub meter single frequency GPS and GLONASS with compatible receiver • Scalable GPS upgrades and VRA unlocks with compatible receiver.

Note: CR7 replaces Cruiser II. Advanced models replace *EnvisioPro II*.

Part No.

RV 117-2295-001UN	CR7 System with Universal Terminal (UT) Unlock, & 500S GPS Antenna
RV 117-2295-001TN	CR7 System with Universal Terminal (UT) Unlock, Task Controller (TC) Unlock & 500S GPS Antenna (Rate Control Modules Sold Separately)
RV 117-2295-001TS	CR7 System with UT, TC, Single Product Unlocks & 500S GPS Antenna for Variable Rate *
RV 117-2295-001TC	CR7 System with UT, TC, Multi-Product Unlock & 500S GPS Antenna for Variable Rate *

* Requires Gen II RCM for Variable Rate Applications.

Display ONLY - No GPS Receiver -

RV 117-2295-005UN	Kit, CR7 with RAM Mount, UT Unlock
RV 117-2295-005TN	Kit, CR7 with RAM Mount, UT & TC Unlock
RV 117-2295-005TS	Kit, CR7 with RAM Mount, UT, TC & Single Product Unlock for Variable Rate
RV 117-2295-005TC	Kit, CR7 with RAM Mount, UT, TC & Multi Product Unlock for Variable Rate

Software & Unlocks -

RV 077-0180-223	ISO Task Controller Unlock (Requires ISO Universal Terminal Unlock)
RV 077-0180-224	Single Product VRA Unlock
RV 077-0180-225	Multi Product VRA Unlock (Requires Single Product VRA Unlock)

Viper® 4+

The Powerful 4th Generation Field Computer Just Got Better



Viper 4+ integrates with *Raven's* full line of products into one networked platform that offers a capacitive touchscreen and an intuitive, tablet-style interface with swiping features and horizontal or vertical orientation. Customize you Viper 4+ by user and machine - it's colorblind which means it works with equipment of every brand. Easy job setup, fewer touches, and greater efficiency allow for extraordinary data management capabilities.

Call for Details!

Rate Control Modules (RCMs)

For Sprayers, Spreaders, Planters,
NH3 Applicators

Level 1 Includes: Single product control with shutoff • Liquid/NH3 (HP+) & granular • Spinner/Fan control • Multiple Sidekick PROISO control supported • Ground drive task controller support (section control, as applied documentation) • No scale support (product or general purpose) with products enabled.

Level 2 Includes: Current state with all items unlocked - scale support - tiered boom (2 Tiers).



RV 117-7100-002

Raven RCM Is Supported by the Following 3rd Party ISO Displays:

- John Deere GS2630 (Document/VRA up to 4 products).
- John Deere Gen 4 Displays (ComandCenter 4100/4600 & GS4240/4640) (Document/VRA up to 6 products).
- AGCO NT01 & AGCO C3000.
- Topcon X30 & X35.
- AgLeader Incommand 800 & 1200, Integra.
- Trimble TMX-2050 & GFX-750.
- Mueller Touch800 and Touch1200.
- AgJunction Outback MAX.
- Outback Guidance Rebel.

UT Functional, TC Not Supported:

- Trimble FmX displays and application.
- John Deere 2600.
- John Deere Gen3 Command Center.

Part No.

RV 117-7100-002	RCM Level 1 with Gen III ISOBUS Harness
RV 117-7100-005	RCM Level 1 with Gen I ISOBUS
RV 117-7100-006	RCM Level 2 with Gen I ISOBUS
RV 117-7100-003	RCM Level 2 with Gen III ISOBUS



Dual ISOmod

Automatic Rate Controller for ISOBUS
- For Liquids & Dry/Granular Products -

The **Micro-Trak Dual ISOmod™** is a flexible, automatic rate control module featuring single- or dual-channel control for liquid and granular/dry products. Multifunction outputs for up to 12 individual sections with the ability to control 2 products simultaneously. Flow- or pressure-based control functionality with PWM or Servo control modes. The Dual ISOmod™ rate controller is compatible with most 3rd-party ISOBUS terminals and task controllers including *John Deere*, *Raven*, *Trimble*, *AGCO*, and others.

Key Features:

- Precision control of liquids, granular/dry products, or a combination of both
- Ability to control 2 products simultaneously
- Control for up to 12 sections
- Compatible with most ISOBUS terminals and task controllers
- Flow & Pressure-based control functionality; PWM compatible
- Multifunction outputs across all channels including MASTER, RELIEF, FLUSH, FIXED FLOW, and PROPORTIONAL FLOW
- Control for Pesticides/Herbicides (liquid or dry), NH3 Heat Exchangers, Fertilizers (liquid or dry), and Seed
- Backed by 3-year manufacturer's warranty and lifetime service



Part No.

MT 01845	Dual ISOmod Kit, Single Product, One Channel
MT 01866	Dual ISOmod Kit, Dual Product, Two Channels
MT 19669	6-Section ISO Branch Cable, 10 Ft.
MT 19670	12-Section ISO Branch Cable, 10 Ft.