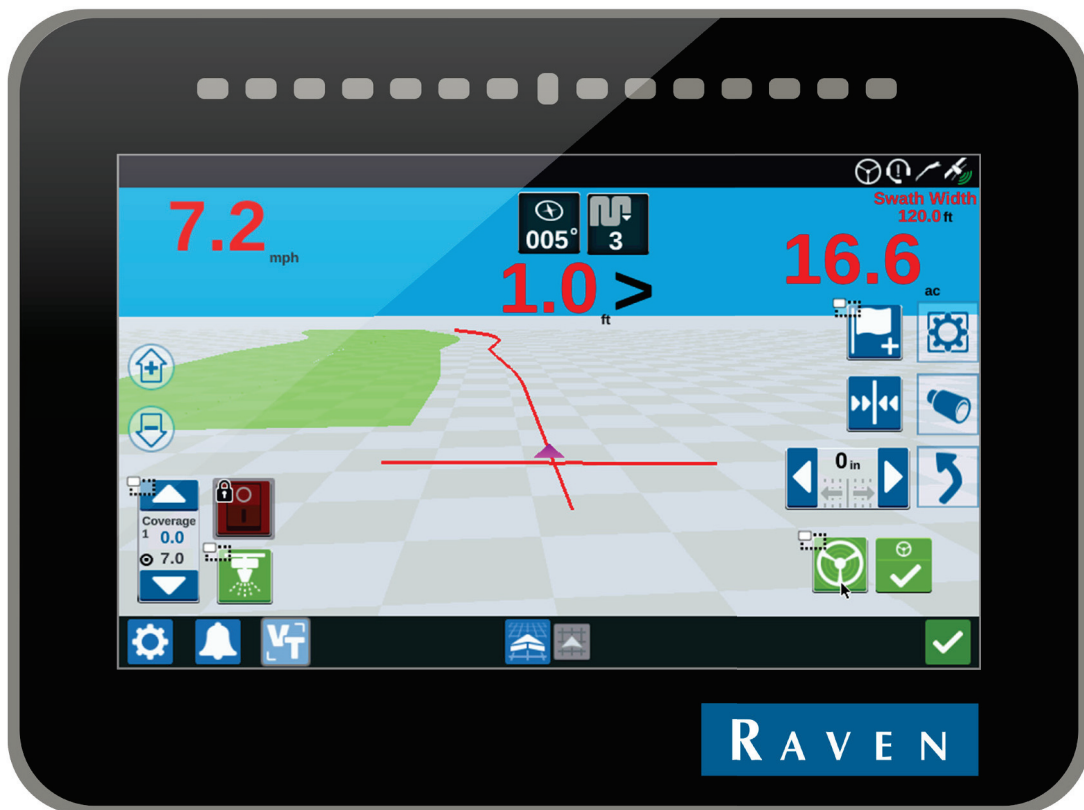


CR7™

AFFORDABLE – SCALABLE – EXCEPTIONAL VALUE



RAVEN

RavenPrecision.com
(844) 517-9281

AFFORDABLE - SCALABLE - EXCEPTIONAL VALUE

The latest innovation from Raven is a small, yet powerful field computer. The CR7 is a 7" lightweight field computer with customizable in-job layouts. A simple widget concept, easily accessible settings, and ISO Universal Terminal and Task Controller capabilities make this mighty unit an affordable, plug-and-play system. The CR7 is compatible with Slingshot® file transfer and remote support, SmarTrax™ autosteering, AccuBoom™, Raven serial consoles, and more.

R A V E N

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FEATURES AND BENEFITS

- Multiple languages supported
- Customizable units of measure
- Simplified, customizable widget layout
- Ability to 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, serial SCS consoles, and external lightbar support
- ISO Universal Terminal and Task Controller functionality via unlock
- Straight A-B, A plus heading, pivot, contour, and last pass guidance patterns
- Compatible with autosteer products including SmarTrax and SmarTrax MD
- Sub-meter single frequency GPS and GLONASS (optional external)
- Scalable GPS (optional external)

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CR7™

AFFORDABLE – SCALABLE – EXCEPTIONAL VALUE

Technical Data Sheet

CR7 > SPECIFICATIONS

The latest innovation from Raven is a small, yet powerful field computer. The CR7 is a 7" lightweight field computer with customizable in-job layouts. A simple widget concept, easily accessible settings, and ISO Universal Terminal and Task Controller capabilities make this mighty unit an affordable, plug-and-play system. The CR7 is compatible with Slingshot® file transfer and remote support, SmarTrax™ autosteering, AccuBoom™, Raven serial consoles, and more.

CONNECTIONS

- 2 CANbus channels
- 3 Serial channels
- One USB 2.0 Port
- Gigabit Ethernet Port
- Wi-Fi 802.11 b/g/n
- Bluetooth 2.1 with EDR and BLE 4.0
- Radar Speed Output
- Keyed power start-up and shut-down
- Two Digital Sense Inputs

DISPLAY

- Screen Brightness 850 NITS
- 7" Widescreen
- Capacitive Touch
- 480x800 Resolution
- Integrated Lightbar

COMPUTING

- 16 GB Storage
- 2 GB RAM
- 852 MHz Quad Core Processor

POWER

- 7-16 VDC Input
- 850 mA Typical

MECHANICAL

- 7.5" x 5.6" x 3.0"
- Weight: 1.4 lbs
- 1" RAM ball mount

ENVIRONMENTAL

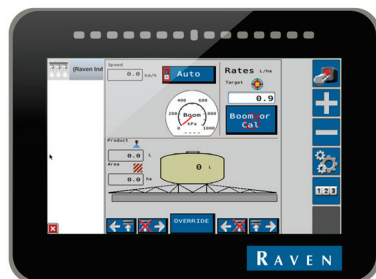
- Operating Temperature Range: -20°C to 70°C
- Storage Temperature Range: -40°C to 70°C
- IP65 Moisture Protection

CERTIFICATIONS

- CE
- E-Mark

BENEFITS & FEATURES:

- Multiple language support and customizable units
- Simplified, customizable widget layout
- Ability to 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, serial control consoles, and external lightbar support
- ISO Universal Terminal and Task Controller functionality via unlock
- Straight A-B, A plus heading, pivot, contour, and last pass guidance
- Compatible with autosteer products including SmarTrax and SmarTrax MD
- Optional scalable external GPS



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Technical Data Sheet

CR7 > SPECIFICATIONS

20-PIN CONNECTOR PINOUT

PIN #	FUNCTION
1	Proprietary
2	Proprietary
3	Serial Port C Rx
4	(Not Used)
5	(Not Used)
6	Serial Port C Tx
7	(Not Used)
8	Serial Port B CTS
9	Serial Port B CTR
10	Serial Port B Tx
11	GND
12	ISO Can Hi
13	Serial Port B Rx
14	ISO Can Lo
15	Raven Can Hi
16	12V Sw Out
17	Raven Can Lo
18	Auxiliary Switched Input
19	Radar Out Signal
20	GND

8-PIN CONNECTOR PINOUT

PIN #	FUNCTION
1	Battery Ground
2	GPS Rx
3	GPS Tx
4	Serial Port Ground
5	Implement Switch In
6	Switched Power Out (GPS)
7	Battery Power
8	Key-on Power

