

RAVEN FIELD COMPUTER COMPARISON

	VIPER® 4+	CR12™	CR7™
Screen Size	12.1-inch (30.5 cm)	12.1-inch (30.5 cm)	7-inch (17.8 cm)
Screen Resolution	1024 x 768	1024 x 768	480 x 800
Internal storage capacity	30 GB	30 GB	8 GB
Orientation	User Configurable	Landscape	Landscape
Customizable Screen Layouts	✓	✓	✓
WiFi capable	✓	✓	✓
Camera Inputs	4		
SOFTWARE FEATAURES			
Street Maps	✓	✓	✓
Guidance Patterns	4	4	4
Single and Multi VRA	Unlock Required	Unlock Required	Unlock Required
Products	10		5
VRA Products	10		5
Sections	105		16
Bin Chaining	✓		
Operation Planning		✓	
agX Integration	✓		
ISO XML GFF/Boundary	✓	✓	✓
Product and Machine Databases	✓		
User Configurable Product Profiles	✓		
COMPATIBLE HARDWARE			
WatchDog Weather Station	Unlock Required		
APPLICATION CONTROLS			
Hawkeye and Hawkeye HD	✓	✓	✓
ISOBUS Product Control	✓	✓	✓
Raven Product Control Nodes	10		
Raven RCM	✓	✓	✓
SCS Control Consoles	✓	✓	✓
Sidekick Pro	✓		
Sidekick Pro ISO and Sidekick Pro ICD	✓	✓	✓
GUIDANCE & STEERING			
500S GPS Receiver			✓
600S GPS Receiver	✓	✓	✓
RS1 Steering	✓	✓	✓
SC1 Steering	✓	✓	✓
SmarTrax and SmarTrax RTK	✓	✓	✓
SmarTrax MD	✓	✓	✓

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BOOM CONTROLS			
AccuBoom	✓	✓	✓
AutoBoom	✓		
ISO AutoBoom and ISO AutoBoom XRT	✓	✓	✓
SLINGSHOT®			
File Transfer, Remote Support, and Link™ (software updates)	✓	✓	✓
Job Generator (Pre-Populated Jobs)	✓	Coming Soon	Coming Soon
Job Sync (Live Coverage Sharing)	✓		
UNIVERSAL TERMINAL (UT) CAPABILITY			
View and edit Configuration	✓	✓	Unlock Required
Monitor and manually control implement as provided by the controller (ECU)	✓	✓	Unlock Required
ISO Aux Controls (Mapping of ISO joystick switches to ISO controller functionality)	✓		
TASK CONTROLLER (TC) CAPABILITY			
Read and apply machine layout	✓	TC Unlock	TC Unlock
Mapping of as applied data	✓	TC Unlock	TC Unlock
Rate Control (via Widgets and Rx Maps with unlock)	✓	TC Unlock	TC Unlock
Section Control (widget based and automatic on/off)	ISO Section Control Unlock	TC Unlock	TC Unlock
GENERAL CAPABILITY			
Diagnostic Trouble Code (DTC) Listing	✓	✓	✓
RTK over CAN for Raven Steering	✓	✓	✓
NMEA2000 GPS input	✓	✓	✓
Raven ISO Programmer	✓	✓	✓
Tractor ECU (TECU)	✓	✓	✓
Machine Selected Speed	✓	✓	✓
Position Velocity Time (PVT) messages	✓	✓	✓
LANGUAGE SUPPORT			
Afrikaans		✓	✓
Bulgarian		✓	✓
Croatian		✓	✓
Czech	✓	✓	✓
Danish		✓	✓
Dutch	✓	✓	✓

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English	✓	✓	✓
Finnish		✓	✓
French	✓	✓	✓
German		✓	✓
Greek		✓	✓
Hungarian	✓	✓	✓
Italian		✓	✓
Japanese		✓	✓
Latvian		✓	✓
Mongolian		✓	✓
Norwegian		✓	✓
Polish		✓	✓
Portuguese	✓	✓	✓
Romanian		✓	✓
Russian	✓	✓	✓
Serbian		✓	✓
Slovakia		✓	✓
Slovene		✓	✓
Spanish	✓	✓	✓
Swedish		✓	✓
Turkish		✓	✓