FIELD COMPUTER COMPARISON CHART

FEATURE	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 (Ratio)	1024 x 768 (4:3)	1024 x 768 (4:3)	800 x 400 (16;9)
Internal Storage Capacity	30 GB	30 GB	8 GB
Operating Temperature	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Orientation	User Configurable	Landscape	Landscape
Customizable Screen Layouts	✓		✓
WiFi capable	✓	✓	✓
Camera Inputs	4		
SOFTWARE FEATURE			
Operating Software	ROS	CRX	CRX
Language Support	✓	✓	✓
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	105	16
Bin Chaining	✓		
Operation Planning		✓	
agX Integration	✓		
Product and Machine Databases	✓		
User Configurable Product Profiles	✓		
Slingshot® File Transfer, Remote Support, and Link™ (Over the Air Updates)	✓	✓	✓
ISO UT	✓	✓	Unlock Required
ISO XML GFF/Boundary	✓	✓	✓
ISO Task Controller	✓	Unlock Required	Unlock Required
ISO Section Control	Unlock Required		
ISO Switch/Function Mapping	✓		
Pre-Populated Jobs	✓	✓	
Live Coverage Sharing	✓		
Connected Workflow™ Integration	✓		

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FIELD COMPUTER COMPARISON CHART

FEATURE	VIPER® 4+	CR12™	CR7™
COMPATIBLE HARDWARE			
RS1™	✓	✓	✓
SC1™	✓	✓	✓
700S GPS Receiver	✓	✓	✓
600S GPS Receiver	✓	✓	✓
500S GPS Receiver			✓
SGC Steering	✓	✓	✓
SmarTrax™ and MD	✓	✓	✓
RCM	✓	✓	✓
Hawkeye®	✓	✓	✓
Sidekick Pro ISO and Sidekick Pro ICD	✓	✓	✓
Sidekick Pro™	✓		
ISOBUS Product Control	✓	✓	✓
ISO AutoBoom®	✓	✓	✓
AccuBoom™	✓	✓	✓
AutoBoom®	✓		
WatchDog Weather Station	Unlock Required		
Raven Product Control Nodes	10		
SCS Control Consoles		✓	✓
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 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			
DTC Listing	✓	✓	✓
RS1 Steering	✓	✓	✓
RTK over CAN for Raven Steering	✓	✓	✓
NMEA2000 GPS input	✓		
Raven ISO Programmer	✓	✓	✓
Tractor Controller (ECU), Machine Selected Speed, Position Velocity Time (PVT) messages	✓	✓	✓

RAVEN

FIELD COMPUTER COMPARISON CHART

FEATURE	VIPER® 4+	CR12™	CR7™
LANGUAGES			
Afrikaans		✓	✓
Bulgarian		✓	✓
Croatian		✓	✓
Czech	✓	✓	✓
Danish		✓	✓
Dutch	✓	✓	✓
English	✓	✓	✓
Finnish		✓	✓
French	✓	✓	✓
German		✓	✓
Greek		✓	✓
Hungarian	✓	✓	✓
Italian		✓	✓
Japanese		✓	✓
Latvian		✓	✓
Mongolian		✓	✓
Norwegian		✓	✓
Polish		✓	✓
Portuguese	✓	✓	✓
Romanian		✓	✓
Russian	✓	✓	✓
Serbian		✓	✓
Slovakia		✓	✓
Slovene		✓	✓
Spanish	✓	✓	✓
Swedish		✓	✓
Turkish		✓	✓

** If Viper 4 only sees Raven ECUs using **task controller** it will unlock ISO Section Control automatically. No Section Control unlock is required to be purchased for the Viper 4. This is only valid for Raven ECUs; any third-party ISO ECUs on the system will require the section control unlock.*

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