

VIPER® 4+

THE POWERFUL 4TH GENERATION FIELD COMPUTER JUST GOT BETTER

Technical Data Sheet

VIPER 4+ > SPECIFICATIONS

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 your Viper 4+ by user and machine - it's colorblind which means it works with equipment of every brand. Easy job set-up, fewer touches, and greater efficiency allow for extraordinary data management capabilities.

- 12.1" diag. measure 1024x768 LCD display 1200 CM/M²
 - 12.1" projected capacitive touchscreen
 - Quad Core Cortex A9 processor
 - Dedicated math co-processor
 - Vivante graphics co-processor
 - 1 GB DDR3 RAM
 - 30 GB internal storage
 - Linux operating system
 - Radar simulation output
 - Min. speed output: 0.5 mph
(2 mph min recommended operating speed)
 - Two USB 2.0B ports for data transfer and device charging via USB (BCP 1.2)
 - Four ISO 11898 CANBUS 2.0B compatible ports
 - Five RS232 serial data ports
(GPS out, GPS in, console, auxiliary, RTK)
 - Four NTSC/PAL camera inputs
 - Two external switch inputs
 - Ignition switch start-up and boot-down
 - One 10/100/1000 BASE-T Ethernet port
 - Wireless 802.11 a/b/g/n, Bluetooth
 - Weight:
With GPS: 4.80 lbs. (2.17 kg)
Without GPS: 4.70 lbs. (2.13 kg)
 - Voltage range: 4 to 35 VDC
 - Reverse polarity protected
- Power: 18 w typ.: 1.5a @ 12v
 - Switched output: vin @ 2.5a
 - Operating temp: -20°C to +70°C
 - Storage temp: -40°C to +85°C
 - IP65 environmental rating
 - Testing to ASAE/ANSI EP455 standards
 - CE certified
 - Integrated dual frequency GPS receiver:
 - NMEA output: GGA, GLL, GSA, GSV, RMC, VTG and ZDA
 - Update rate: 1, 5 and 10 hz (SFV at 0.2 hz max)
 - Horizontal position accuracy (RMS)

Single point L1	1.5M
Single point L1/L2	1.2M
SBAS	0.6M
DGPS	0.4M
RT-2	1CM+1PPM
NovAtel Correct	
Slingshot® GS	0.15M
Terrastar	0.1M



BENEFITS & FEATURES:

- Horizontal or vertical orientation
- Sleek design with 12.1" capacitive touchscreen and intuitive, tablet-like interface and state-of-the-art rugged magnesium alloy enclosure
- 4 camera inputs for monitoring bin levels, blind spots, roadway operation and more
- Faster boot-up time (approx. 10 sec.) and ignition switch start-up and boot-down
- Screen up to 3 times brighter with improved peripheral viewing
- Dustproof for tough environments
- Integrated, fully scalable GPS receiver
- Built-in Self-Test (BIST) capabilities
- Customization by user and machine
- Set up machine and product profiles
- ISOBUS compatible
- Wireless over-the-air software updates
- ISO VT with task controller capabilities
- On-screen implement location with section status

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