

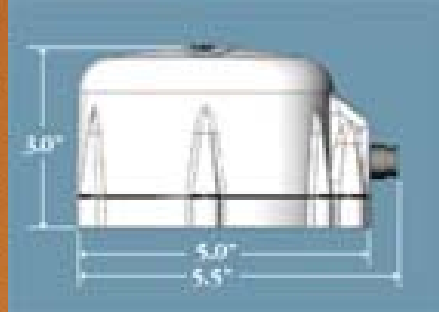


Invicta 115

In today's world, GPS is becoming an essential cost effective tool in farming. Leave it to Raven—the only company devoted exclusively to developing, managing, selling, and servicing its own precision ag products—to engineer a high performance DGPS receiver with a matched antenna all in ONE waterproof enclosure. With its high performance satellite tracking, the Invicta 115 will tell you where you are, not where you were.



Invicta 115



Standard Features

- High Performance 10 Hz solution updates
- Sub meter differential GPS accuracy
- 10 channel GPS, 1 WAAS/EGNOS
- Dual serial RS232 ports
- Rugged, water –proof enclosure
- Free Software upgrades via internet
- Best technical support in the industry featuring 1 year warranty
- RADAR (ARPA) speed log output
- EP455 electrical compliant with load dump protection

Environment /Operating Conditions

- Operating Temperature -40° to 70°C
(-40° to $+160^{\circ}\text{F}$)
- Relative Humidity: 99% non-condensing
- Altitude: 60,000 feet
- Maximum Velocity: 1000 Knots
- Acceleration: 2G

Physical Characteristics

- Size 5.0"D X 3" height (140mm D x76mm H)
- Weight: Approximately 14 ounces (< 400 g)
- Power Requirements: 9-16 VDC
- Power Consumption: 4 watts typical
- 8 pin circular, one RS 232 GPS output port

Technical Specifications

- 10 parallel channels; tracks up to 10 satellites
- 10 Hz position updates
- Differential accuracy better than 1 meter
- NMEA v2.2 Protocol
- RTCM INPUT

Acquisition Time

- Warm Start: 40 seconds
- Re-Acquisition: 1 second
- Cold Start: 6 minutes (typical)

RAVEN Precision Solutions is the leader in providing reliable, high-performance GPS related products. Visit our website www.ravenprecision.com or call toll free today at

1-800-243-5635

