

WE DID EVERYTHING BUT DROP IT OFF A TEN-STORY BUILDING.



Before an International® truck leaves the factory, it's rigorously tested to ensure years of reliable performance for the owner. Anything less and it wouldn't be an International.

This same level of testing applies to International® Aware™ Vehicle Intelligence, a wireless communication system that allows you to remotely monitor your vehicles in real time for increased uptime, higher productivity and lower operating costs.

We subjected the system to the worst kind of operating conditions. Extreme temperatures. Corrosive salt spray. Thermal shock. We even simulated 10 years of operation in harsh vehicle environments.

It's all part of meeting strict International standards for performance and reliability. The system also meets all Society of Automotive Engineers (SAE) standards and is FCC certified. Most important, International Aware Vehicle Intelligence meets the needs of your operation.

International Aware Vehicle Intelligence. We put it to the test. So you can confidently put it to work for your business.

PASSES EVERY TEST. SURPASSES EVERY EXPECTATION.

Abnormal voltage testing.

In tests subjecting International Aware Vehicle Intelligence to abnormal voltage situations (including short circuit, open circuit, double battery jump-starting procedure and reverse battery connection), the system functioned normally after abnormal voltage was removed. Similarly, the system functioned normally during and after tests such as varying cranking motor voltage, operating with failed alternator voltage and battery-less operation.

Transient voltage testing.

International Aware Vehicle Intelligence has demonstrated that it functions normally during and after transient voltage is removed. Tests include mutual coupling, inductive spikes, load dump transients and electrostatic discharge (ESD).

EMI with International Aware Vehicle Intelligence.

The International Aware Vehicle Intelligence system meets all SAE J1113 Level 4 requirements for optional vehicle equipment (Class B) when tested for conductive emissions, radiated emissions and immunity.

Environmental/mechanical.

In environmental and mechanical testing, the International Aware Vehicle Intelligence system meets all SAE J1455 requirements for optional in-cab-mounted equipment. Testing involves temperature cycle, humidity, salt spray, steam cleaning and pressure washing, vibration, dropping, thermal shock and dust.

Reliability demonstration test.

In accelerated durability testing that simulates 10 years of operation in harsh vehicle environments, the International Aware Vehicle Intelligence system has shown to be fully functional at the conclusion of the test.

The International Aware Vehicle Intelligence system captures both digital and analog information – so beyond delivering vital engine data, the system can provide

other important information such as the temperature of a reefer unit or the number of hours a component has been in service. You get the information you need, when you need it, enabling you to make better decisions. In addition, maintenance and diagnostic tools are the same as those used for the International® Diamond Logic™ electrical system.



General Specifications

Operating Voltage	9 to 18 VDC
Max Current (high-current inputs are turned fully on)	6.275 A @ 13.5 VDC input voltage
Average Current (high-current inputs turned off)	275 mA ON call
Average Current (high-current inputs turned off)	205 mA OFF call
Sleep Current	26 mA
Operating Temperature (general)	-40°C to +85°C
Operating Temperature (cellular communications)	-30°C to +70°C
Electrostatic Discharge	15KV in-vehicle, 25KV handling per SAE J1113-13
Electromagnetic Radiation	exceeds SAE J1113-41 Class 4
Electromagnetic Immunity	100 V/m per GMW3097, ISO 11452-4 (BCI method)
Number of Discrete Analog/Digital Outputs	6
Number of Discrete Analog/Digital Inputs	
Available for Accessory Equipment Monitoring	4
Number of Discrete Outputs	2
Number of Frequency Counting Inputs	1
GPS Accuracy	< 9 meters for 90% of fixes
Vehicular Data Links Supported	SAE J1939 and SAE J1708
Communications Type	CDMA2000 1xRTT
Internet/VPN Communication	128 key encryption
Web Page Encryption	Secure Socket Layer (SSL)

For more information on International® Aware™ Vehicle Intelligence,
see your International® dealer, or visit our web site at
www.InternationalDelivers.com/aware, or call 1-888-883-5362.



Specifications, descriptions and illustrative material in this literature are as accurate as known at time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment. Diamond Logic and Aware are trademarks of International Truck and Engine Corporation. International and the International Diamond logo are registered trademarks of International Truck and Engine Corporation.