



Wireless Blockage and Flow Monitor

IAS's Wireless Blockage and Flow Monitor is an innovative, acoustic-based monitoring solution for air seeding implements that provides quick and accurate notification of blockages anywhere on the implement. The system monitors every opener on the implement and uses the popular Apple iPad to instantly display blockages or reduced flow.

Priced similarly to competitive offerings, the system provides advantages over those systems in the following areas:

- » **Simplicity** – IAS's blockage monitor is easy to use. One screen contains all the information you need to run the monitor and shows which runs on specific manifolds are blocked as soon as a blockage occurs.
- » **Utility** – The iPad is more versatile than other in-cab monitoring solutions, allowing customers to use the display for personal computing needs as well as blockage monitoring and flow.
- » **Installation** – The system is easy to install and configure, self-calibrating for different products and rates.
- » **Reliability** – The wireless interface between the ECUs and display results in a system with significantly fewer wires than optical and electromechanical systems, resulting in fewer wire-related service issues.

The sensors used in the Wireless Blockage and Flow Monitor function similar to a stethoscope. As seed leaves the manifold and enters the sensor, it impacts a stainless steel membrane, causing a small pulse of sound. Those pulses are transferred through a tube to the ECU, which converts all the analog audio pulses into digital signals transmits them wirelessly to the iPad in the cab of the tractor. The custom-designed iPad app clearly displays system status and blockages at a glance and is capable of detecting a blockage anywhere in the system.

The Wireless Blockage and Flow Monitor also displays total flow levels and flow variance from manifold to manifold. This powerful feature delivers a more complete view of how the implement is performing and equips farmers with the data they need to effectively tune and balance their equipment for maximum performance and efficiency. The Wireless Blockage and Flow Monitor also provides options for operations using multiple product types and rates through dual-shooting or mid-row banders, and with multiple sensor options, the system can be easily adapted to fit nearly any rig or application.

The Wireless Blockage Monitor is currently offered as an all-run blockage option on Amity and AGCO Sunflower air seeders and is also available for aftermarket installation on other manufacturer's drills.



Sensors and ECU mounted on an Amity manifold.



Sensor Options



Front and rear views of ECU



Wireless Blockage Monitor iPad App

Available from:


TRIANGLE

AG - SERVICES

PO Box 1476 : 2705 Front Street
Fort Benton, MT 59442

triangleag.com

406-622-3887



INTELLIGENT
Agricultural Solutions

info@intelligentag.com

www.intelligentag.com

(701) 356-9222