

Item # 8 – A brief non-technical description of the system.

Smartlink (tm) is an innovative electronic system that allows a farmer to continuously monitor the application of anhydrous ammonia fertilizer from within the tractor cab. This patent-pending product utilizes modern RF and electromagnetic sensing technologies in a novel and revolutionary way and dramatically improves the process by which anhydrous ammonia is applied to the farmer's field.

The Smartlink (tm) is a two-module system composed of a tank module that sits atop the field tank and a cab module that is positioned within the tractor cab.

The tank module can be set directly on top of the existing fluid level gage with no modifications required to the tank and no tools necessary.

The tank module continuously monitors the fluid level within the field tank and then sends it in a wireless fashion to the display module mounted inside the tractor cab. The display module receives the signal from the tank module, decodes the information and displays fluid level to the user via a liquid crystal display.

The cab module allows the farmer to quickly input implement and tank size. This information is processed along with groundspeed data from the tractor to output other useful information to the farmer including application rate per acre, time remaining until tank is empty and a "tank-empty" audible alert. The Smartlink (tm) is a capable agricultural aid that provides convenience and added functionality not present today.

The Smartlink (tm) is a useful addition to the existing process of applying anhydrous ammonia to farmland worldwide. It solves the difficult task of measuring fluid in a hazardous environment while remaining completely safe to use. Information gathered by the Smartlink (tm) can be used during application to increase operator efficiency and decrease common problems associated with the current method. It also accurately reports fertilizer application rate per acre, which adds greatly to the farmer's information.

The Smartlink (tm) is a system that includes one display module and one tank module, along with necessary groundspeed interface, power cable and cab mounting hardware. The product carries a one-year limited warranty.