

## Expanding To Your Needs

As your operation grows, Agri-Alert can be expanded to accommodate your needs. KP, TP and TR expansion modules connect to AA 128 Touch alarm system by way of a RS-485 communication system (4 wires or wireless connection available) to give you unmatched flexibility and adaptability.



KP-8



TP-8



TR-2

### EXPANSION MODULES KP, TP & TR

- Expansion modules can be "daisy chain connected" up to 4,000 ft away from master AA 128 Touch control
- Expansion modules come with one programmable output
- KP's allow user to view and modify system parameters from remote locations
- All devices come in a PVC water and dust proof enclosure
- All devices come with the Spike Block surge/lightning protection on inputs and outputs

### Module Hardware Features

| PRODUCT NAME | CONFIGURABLE INPUT | RELAY OUTPUT WITH CURRENT READING (5A) | OLED DISPLAY | RFID READER | KEYPAD |
|--------------|--------------------|--|--------------|-------------|--------|
| KP-8         | 8                  | 1                                      | 1            | 1           | 1      |
| TP-8         | 8                  | 1                                      | 1            |             |        |
| TR-2         | 2                  | 1                                      |              | 1           |        |

Note: The maximum voltage on the relay outputs is 240Vac. The maximum current allowed is 5A. The minimum permissible load on the relay outputs is 0.1A. See manual for details on relay output loading.

*Innovative and flexible solutions designed to help protect your investment, reduce downtime and save you money*



### **AGRI-ALERT POWER SUPPLY\***

- 20 watt (100-240 voltage supply)
- Up to 4 modules
- Plastic enclosure
- Compatible with legacy modules

\*Battery backup not included



### **RFID SECURITY TAGS**

The KP-8 and TR-2 modules are equipped with an RFID tag reader. This means that every time a tag is scanned, it keeps track of the scan and sends information to the Main Controller. In addition, when you activate the output through a scan, the relay is energized for the predetermined period of time. Even if the module is disconnected from the Main Controller, it will be able to scan, record and activate the output. To ensure compatibility with system, use the tags provided with the module.



## Wireless Options

Go wireless with AP's RS-485 modules. This module can be programmed as a receiver or transmitter with a range of up to 6,500 feet\*. This wireless module is typically used in combination with a main controller (AA128 Touch, or AA9600). A secondary wireless RS-485 transmitter can be utilized to relay information from remote RS-485 modules to the wireless RS-485 (Base). This allows a variety of configuration options to accommodate your particular needs.

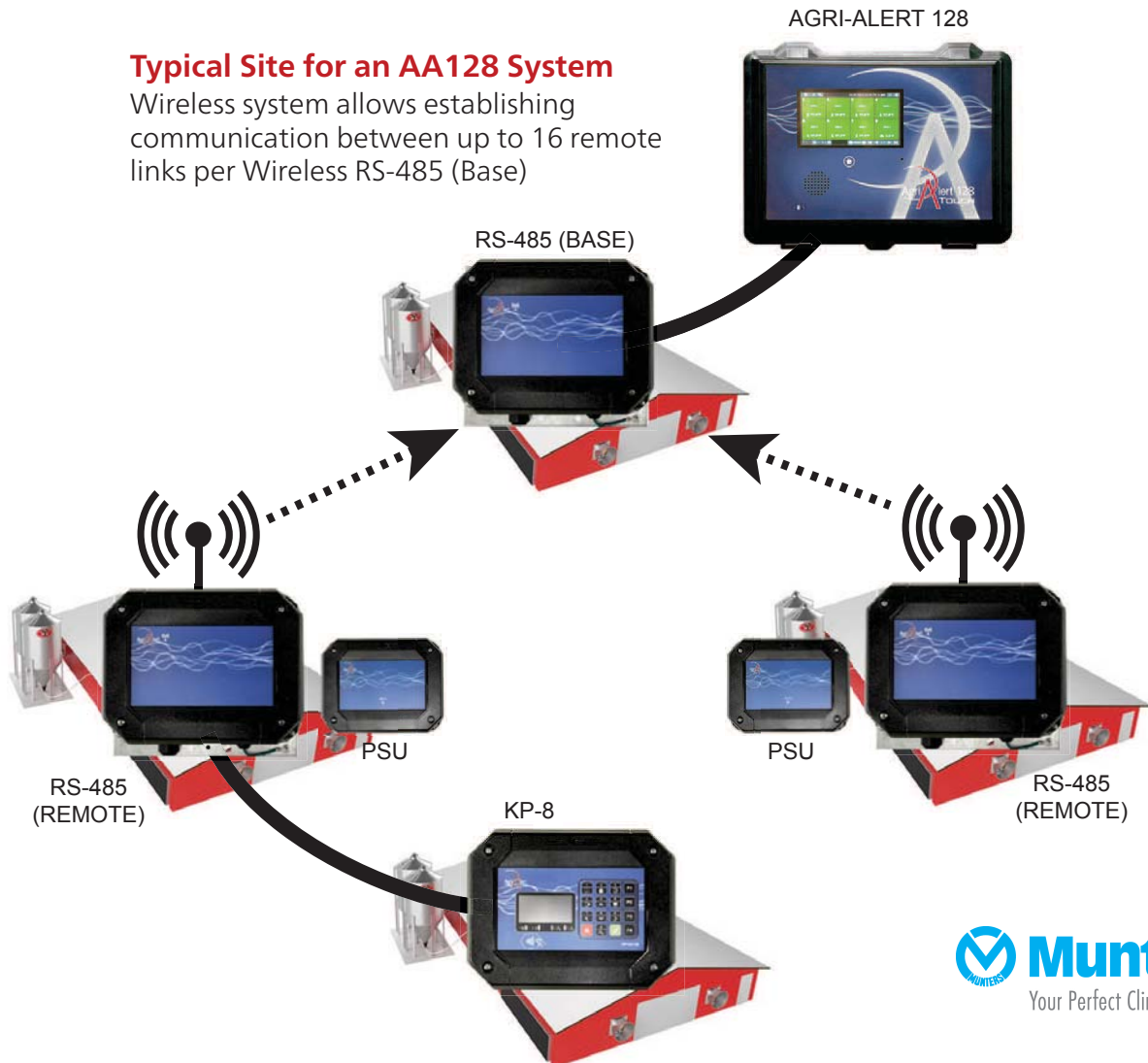
\* Range of 1.2 miles (2 kilometers) open air unobstructed view.



Wireless RS-485 Module

### Typical Site for an AA128 System

Wireless system allows establishing communication between up to 16 remote links per Wireless RS-485 (Base)



Note: Obstacles such as buildings, trees, hills, etc. will reduce the range.