



## TempSaver

It can take as little as 20 minutes to lose a shed full of birds. Protect your investment with **TempSaver** wireless temperature and humidity alarm system.

Even though many farmers now have sophisticated control systems installed, human error or system failure can lead to disaster within a short period of time.

**TempSaver** has been designed to help you, the farmer, have 'peace of mind' that your investment is protected against loss due to temperature or humidity.

**TempSaver** is ideal for all poultry broilers, growers and similar poultry farming applications where correct temperature and humidity are critical to the success of your operation.

**TempSaver** offers 24 hour remote monitoring of all your poultry sheds. Instant notification is given at the house as well as sent to your mobile phone.

No matter what time of day or wherever you are, **TempSaver** will let you know immediately if there is a problem that you need to attend to. (Even if you are away from your farm, this gives you the opportunity to call a friendly neighbor to help you).

Detailed alert messages let you know exactly what has happened, which shed is affected, and the current temperature or humidity.

**TempSaver** is simple to install and easy to use. There are no long cables to be laid or complicated programming tasks to be done. The system will run 'straight-out-of-the-box'.

The system has been built on proven wireless technology to ensure you get reliable ongoing performance. In addition to this dependable performance, the system components are robust in construction, dust proof, and waterproof, so that they can be mounted in any practical location (amongst the chicks if you like).

The **TempSaver** system consists of a Master Control unit and at least 1 Remote Sensor unit. Generally at least one Remote sensor unit is installed in each shed. The system can monitor dozens of remote sensors.

### BENEFITS

- 'Peace of mind' - instant detailed alarm notification to you anywhere, anytime.
- Lower cost than running cable between sheds and house
- Less prone to damage caused by dangerous voltages induced in long cables during an electrical storm
- The system can be easily relocated to other locations at any time
- Protects your investment by letting you know the instant something is wrong
- Convenient alarm notification right to your mobile phone, in the house and at the shed
- No connection or ongoing fees due as the **TempSaver** system is 'free-to-air'. There are no license fees or monitoring fees.
- Reliable - proven wireless technology that is continuously monitored and backed-up by battery in case of mains failure.

Each remote sensor unit has 4 inputs that can each monitor temperature or humidity. The remote sensor units have an internal backup battery to ensure they operate even during a mains power failure. Additional remote sensor units can be added at any time.

The trip points for all temperature and humidity inputs can be set at the Master unit. Each remote sensor unit alarm can be enabled or disabled at the Master unit.

The **TempSaver** wireless link is continuously monitored. In the event of any problem with the radio link or the mains power, an alert message will be sent to your mobile phone.

# TempSaver

Wireless Temperature  
and Humidity Alarm System  
for Poultry growers



All Orbit Communications products have a 2 year warranty and technical support direct from the manufacturer.

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### How does it work?

The basic operation of TempSaver is very simple.

You set the required trip points at the Master unit for all your sheds.

The Master unit has a colour touch screen that is very intuitive to use by pressing the appropriate selection on the screen.

As soon as the Master unit and remote sensor units have power applied, the sensor units will automatically begin reporting the conditions of the shed back to the Master unit. The current values for all sheds will be displayed on the Master unit.

In the event that any shed temperature or humidity exceeds the trip point setting, the Master unit will sound an alert and a detailed message will be sent to your mobile phone.

At this stage you can either go to the shed in question or call a friendly neighbor to take a look if you are away from your farm.

When the conditions that caused the alarm are restored, a message is sent to your mobile phone to indicate that the situation has been restored.

The Master unit has a clock and memory that logs the details of the alarm. The Master unit records temperatures of all the sheds day and night, and stores a history to a USB flash drive. Events such as alarms and restore conditions are also stored.

At any time you can view a trend of temperature or humidity for each shed in graphical or table format. You can filter data by shed or over a certain date/time period, view minimum and maximums and averages, or export data to spreadsheet format to view or print on a PC or laptop computer.

### FEATURES

- C-Tick approval
- Several kilometre range between master units and remote sensor units
- Mains failure alarm
- Continuous radio link monitoring
- Over/under temperature alarms
- Over/under humidity alarms
- Water tank/trough full/empty monitoring
- Dust proof and waterproof
- Simple installation and 'easy to use'
- GSM dialer sends instant text message to your mobile phone
- Date/time stamped records of alarms and daily min/max.

### TempSaver Master Unit

