1st Choice Security Solutions RFID Systems (Temperature series) are ideal for remote wireless automatic temperature monitoring of frozen, chilled and hot food storage displays used in all retail areas of supermarket chains, service stations, fast food outlets and food preparation areas, as well as other commercial applications for temperature monitoring.

**T-8200 Temperature Tag** with internal sensor for cold/chilled area monitoring of temperature in the range of -5˚C to +45˚C with an accuracy of better than ±2˚C and a resolution of 1˚C.

**T-8210 Temperature Tag** with external temperature sensor (probe) for frozen/deep frozen area monitioring of temperature in the range -40˚C to +20˚C with an accuracy of better than ±2˚C and a resolution of 1˚C where only the probe is inside the refrigerated area.

One or multiple **R-2200 Readers** can be connected to a controller/ software individually, by daisy chain or LAN connection.
**R-4200 Readers** can be connected using a customer's existing Ethernet LAN or any proprietary LAN or WAN.



**\* 5 YR Battery Life @ 20 Second Beacon Rates      \*150'  Range      \* FCC, CE, RoHS**
**\* RS232/422      \* TCP/IP**

1st Choice's Temperature Tags transmit their unique indentification code and temperature at pre-determined intervals to the readers located up to 150' away.  At a transmit interval rate of 20 seconds (default), the tags have a battery life of  5 years.  Hundreds of tags can be monitored by the same readers and multiple readers interconnect to provide complete overlapping coverage of any size facility.  T-8200 Tag Series conform to BS EN 12830:1999 for the transport, storage and distribution of chilled, frozen, deep frozen/quick frozen food and ice cream.