



- I. Enhancements to the ThermaViewer 4/15/08
 - a. Power management
 - i. Longer battery life
 - ii. Low battery audio and visual warning
 - iii. Power failure alarm (audible and relay triggered)
 - iv. Noise filter added to eliminate spikes from noise
 - b. Display
 - i. Sensor 1 and Sensor 2 readings show at the bottom of all chart displays
 - ii. Zoom level is shown in a more understandable format
 - iii. Zoom out to 10 times added
 - iv. Much faster display update
 - v. Delay at button push eliminated
 - vi. English, French, and Spanish supported
 - vii. 3 different date formats supported
 - viii. Daylight savings time settings
 - c. Sensor
 - i. #2 and #5 sensors now have serial numbers
 - ii. Support for different sensor types on one LCD display
 - iii. Added support of J, E, N, R, S, B, and T thermocouples
 - iv. Calibration data stored on sensors
 - v. Three point calibration table for #2 and #5 sensors
 - vi. Three levels of averaging for sensors
 - d. Data Storage
 - i. 40% more memory (Stores ~1.5 years of temperature history if temperature is measured once every 10 minutes)
 - ii. Additional sample rates added: every five seconds to once a day
 - iii. Sensor data can be cleared easily from the system menu
 - e. Alarm
 - i. All alarm are audible and visually displayed
 - ii. Alarms can be triggered based on elapsed time
 - iii. Alarm can sound until manually stopped
 - iv. Alarms are annotated on charts with 'A' and 'a'
 - v. Test mode for testing sensors and alarms "T" and "t" on charts
 - vi. Alarms on 0.1° increments
 - f. Download
 - i. Faster downloading
 - ii. Download: Last month, Last week, buttons added
 - iii. Alarms and tests noted on download data chart.