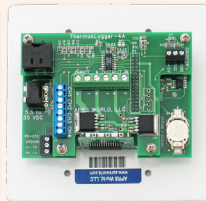


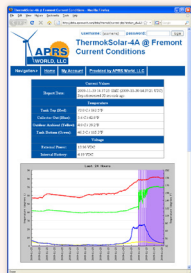
# Thermok Logger



## Programmable Temperature Controller with Data Logging

The **ThermokLogger-4A** was designed by **APRS World, LLC** to provide an affordable and easy-to-use temperature controller, display and data logger. It has four 10K thermistor input channels and two independently programmable DC solid state relay outputs. The ThermokLogger easily supports both simple and complex control and monitoring applications. Customization is available!

Recording directly to a Secure Digital (SD™) card, the ThermokLogger requires no special computer interface cables. The data can easily be viewed and analyzed using standard spreadsheet software. In addition to the logging capabilities, live data can be viewed on a secure internet site utilizing APRS World's free WorldData monitoring service or can be queried using standard Modbus® communications.



APRS World supplies easy to use systems for analysis, control, and data logging. By using both custom and off the shelf hardware and software, we can design and build a customized system that meets your specific needs.

Visit [www.aprsworld.com](http://www.aprsworld.com) to learn more about the ThermokLogger and it's availability in modules and packages.



**APRS**  
WORLD, LLC  
[www.aprsworld.com](http://www.aprsworld.com)

### Measurement Inputs

Four 10K Thermistor  
*Typically measure -40°C to 150°C (-40°F to 302°F)*  
Screw terminals and RJ-45 wired in parallel  
Pulse Counter  
Screw terminals

### Logging

Logs to Secure Digital™ or Multi Media Card™  
Logs at 10 to 16,000 second intervals  
Date and Time stamped measurements  
Data files in Comma Separated Vertical (CSV)  
One data file per day  
Includes 2 gigabyte Secure Digital™ card

### Power

8 to 32 volts DC

### Relay / Alarm Outputs

2 x DC relay, solid state, 6 amps @ 39 volts DC max  
Independently programmable for:  
*Differential Control*  
*On above temperature set point*  
*On below temperature set point*  
*Always On*  
*Always Off*

### RS-232 Communications



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