

Harvest Outdoor Temperature Logger HTL-1

Instructions

The logger is shipped already running with a default logging interval of 10 minutes.

If that interval works for you just place the logger where to want use it and you need do nothing until you are ready to read the logs.

You can change the login interval with the templog.exe program. You can download the program from the product support page on www.harvest.com

You can check that the logger has not been damaged in transit and is operating correctly by briefly shorting out the two data terminals terminals (a wire, paper clip or pliers will work fine). The LED inside the unit will blink for ten seconds to indicate correct operation. If the LED does not blink the unit has been damaged and will not work correctly.

To read logs or edit the name run the program templogger.exe

The logger time is corrected by the current time of the PC used to read the logs so make sure that PC the time is correct before downloading logs

Specifications

- Integral solar radiation shield
- Ten year battery life (based on 5 min logging)
- Initial accuracy $\pm 0.1C$, long term $\pm 0.2C$ over $-10C$ to $+85C$ ($14F$ to $185F$)
- Operates with Slightly reduced accuracy down to $-40C$ ($-40F$)
- Log every x minutes (user configurable)
- Memory stores 65,000 records (more than 12 months logs at 10 minute logging)
- Log file wraps around when full overwriting oldest records first
- Serial number on each unit; log file uses same serial number to avoid mixups from multiple units.
- Location description can also be stored in each unit for further identification of the logs
- LED to indicate correct operation. LED flashes for ten seconds after the two data terminals are shorted momentarily with pliers or wire – provides assurance that logger is running
- Fully dipped coating of electronics to provide long term reliability.
- Unit is designed to hang on horizontal wire or be screwed to any vertical structure with supplied adaptor

Software

Windows software to set logging interval, edit location description and read logs is supplied free. Software available for download from www.harvest.com

Manual

This instruction manual is available for download at www.harvest.com

Accessories

Smart cable connects to PC serial port or USB port (with USB to serial adaptor)