

HUMIDITY & TEMPERATURE DATA LOGGER FEATURES A WIRELESS TRANSMITTER

Telatemp's Micro Humidity ML-H-D-RF Temperature/Humidity Data Logger with a wireless transmitter is designed to measure and record temperatures from -30°C to +70°C (-22°F to +158°F) with 0.01°C resolution and humidity from 0 to 95%RH with 0.5%RH resolution. This compact and easy to use data logger will record up to 5,461 date and time stamped temperature/humidity readings at user-defined intervals from 1 reading every 30 seconds to 1 every 12 hours. When enabled, the wireless transmitter will transmit readings to a USB compatible receiver unit ported to the host computer where the data can be analyzed in real time. These readings are also logged to the device's memory for added data security. The slide switch allows the transmitter to be turned on or off without affecting the operation of the device.

Device features provide for: multiple transmitter configurations, memory wrap around, software configuration, real-time operation, programmable start time, miniature size, user-friendly utility and N.I.S.T. traceability.

With the Telatemp Micro Series Software*, starting, stopping and downloading from the Micro Humidity ML-H-D-RF Data Logger is simple and easy. Data can also be viewed in graphical, tabular, and summary form, displayed in °C, °F, K or °Rankine, %RH, mg/ml water vapor concentration and saved to your PC as an electronic file. The data can also be exported to Excel® for further calculations.

Complete user manual can be viewed onscreen or printed out from the software.

*MLSP-RFCAUSB Software, Receiver & USB Interface is required.

APPLICATIONS

- Remote data logging
- Warehouse monitoring
- HVAC
- Medical and Pharmaceutical
- Museum monitoring
- Environmental studies
- Implement HACCP program

SOFTWARE FEATURES

- Multiple Graphs
- Graphical Cursor
- Data Table
- Scaling Options
- Formatting Options
- Statistics
- Export Data
- Calibration
- Logger Configuration
- Communications

TO ORDER

- ML-H-D-RF Micro Humidity Logging Thermometer
- MLSP-RFCAUSB Software, Receiver & USB Interface



WARRANTY: The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

LIMITATION OF LIABILITY: All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

**Prices and specifications are subject to change without notice.*

CALL TOLL FREE HOTLINE 1-800-321-5160 www.telatemp.com

Telatemp Corporation 2910-C East La Palma Avenue Anaheim, CA USA 92806
Phone +714-414-0343 Fax +714-414-0383 customerservice@telatemp.com



MICRO HUMIDITY ML-H-R-RF WIRELESS DATA LOGGER SPECIFICATIONS:

Temperature Sensor:	Internal Semiconductor
Temperature Range:	-30 to +70°C
Temperature Resolution:	0.1°C
Calibrated Accuracy:	±0.5°C (0 to +50°C)
Humidity Sensor:	Semiconductor
Humidity Range:	0 to 95% RH
Humidity Resolution:	0.5% RH
Calibrated Accuracy:	±3%RH (±2% RH typical at 25 °C)
Specified Accuracy Range:	+10 to +40°C; 10 to 80%RH
Response Time:	90% change in 60 seconds in slow moving air
Calibration:	Digital calibration through software
Start Modes:	Software programmable immediate start or delay start up to six months in advance
Real Time Recording:	May be used with PC to monitor and record data in real time
Memory:	5,461 readings per channel; 10,922 total readings; software configurable memory wrap
Reading Rate:	1 reading every 30 seconds to 1 every 12 hours
Data Format:	Date and time stamped °C, °F, K, °R ; %RH, mg/ml water vapor concentration
Time Accuracy:	±1 minute/month (at 20 to 30°C)
Computer Interface:	USB cable required ,57,600 baud
RF Carrier Frequency:	418 ± 0.075MHz
RF Baud Rate:	4,800 baud
Maximum Output Power:	<0dBm typical (<1mW)
Receiver Sensitivity (RFC101A):	-90dBm typical
Range:	Line-of-sight: up to 120 ft., Urban: up to 40 ft.
Approvals:	US (FCC), CA (IC)
Battery Type:	Replaceable 3.6V lithium battery included
Battery Life:	1 year typical (1 min reading rate @ 25 °C)
Software:	XP SP3 / Vista / Windows 7
Operating Environment:	-30 to +70°C, 0 to 95 %RH non-condensing
Dimensions:	1.7+x 2.3+x 0.8++ 2.0+antenna (42mm x 59mm x 21mm + 51mm antenna)
Weight:	2 oz (60 g)
Materials:	ABS plastic

**Prices and specifications are subject to change without notice.*

CALL TOLL FREE HOTLINE 1-800-321-5160 www.telatemp.com

Telatemp Corporation 2910-C East La Palma Avenue Anaheim, CA USA 92806
Phone +714-414-0343 Fax +714-414-0383 customerservice@telatemp.com