

# Temperature/Humidity Data Logger



## Features:

- Monitors both ambient temperature and relative humidity
- Stores up to 16,000 temperature and 16,000 humidity readings
- User selectable measurement rate from 2 seconds to 24 hours
- Alarm display if user-defined max/min values are exceeded
- Displays all status information through two LEDs
- Simply plug the logger into the USB port of your computer to begin downloading - no cables or wires are required
- Includes wall mount bracket and Windows compatible software

## Specifications:

Temperature Range: -40 to 70°C (-40 to 158°F)  
 Resolution: 0.1°C /°F  
 Accuracy: ±0.5°C (±0.9°F): -4 to 122°F (-20 to 50°C); ±1.0°F (±1.8°F): all other ranges

Humidity Range: 0 to 100% RH  
 Resolution: 0.1% RH  
 Accuracy: ±2% RH

Sampling Rate: User selectable rate: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1h, 2h, 3h, 6h, 12h, 24h

Power Supply: 3.6V lithium battery  
 Battery Life: 1-yr: 5s sample rate; 2.5-yr: 10s sample rate  
 Dimensions: 130 x 30 x 25mm  
 Weight: 20 g

Model	Description	Price
ST-171	Temperature/Humidity Data Logger	\$95

# Temperature/Humidity Data Logger



## Features:

- Records ambient temperature and relative humidity readings simultaneously
- User selectable recording intervals
- °F or °C selectable
- 32,000 records
- Real-time clock stores data and time
- LCD readout with LED backlight
- Memory and battery status displays
- Includes: **Model 345** communication base, RS232 serial port and infrared interface

## Specifications:

Temperature Range: -30 to 70°C (-22 to 158°F)  
 Resolution: 0.1°C (0.1°F)  
 Accuracy: ±0.4°C (±1.0°F)  
 Humidity Range: 0 to 100% RH  
 Resolution: 0.1% RH  
 Accuracy: ±3% RH (20 to 80% RH)  
 Recording Intervals: 1/2/5/10/15/20/30 seconds or 1/2/5/10/15/20/30/60 minutes

Power Supply: 2 x 1.5V AAA alkaline batteries  
 Battery Life: More than 1 year  
 Dimensions: Logger: 92 x 55 x 21mm; Base: 108 x 62 x 28mm  
 Weight: Logger: 95 g; Base: 60 g

Model	Description	Price
C-342/345	Temperature/Humidity Data Logger	\$229
USB-120	Optional USB Cable	\$55

M3044E