

TECHNICAL DATA



Features

- Stores up to 16,000 temperature and 16,000 humidity readings
- Simply plug into the USB port to begin downloading - no cables or wires required
- User selectable sampling rate from 2 secs to 24 hrs
- Visible alarm (LED) if set max/min values are exceeded
- Compatible with Windows 7, 8 and 10
- Wall mount bracket and screws for long-term monitoring
- Includes wall mount bracket and screws, protective USB cap, software, and battery

Specifications

Temperature

Measuring Range: -40 to 158°F (-40 to 70°C)
 Accuracy: ±1.8°F (1.0°C)
 Resolution: 0.1°F/°C

Humidity

Measuring Range: 0 to 100% RH
 Accuracy: 0 to 20% & 80 to 100%: ±5%
 20 to 40% & 60 to 80%: ±3.5%
 40 to 60%: ±3%
 Resolution: 0.1% RH

General Specifications

Datalogging Capabilities: Yes
 Real-Time Clock and Date Stamp: Yes
 Settable Alarms: Yes (temp. and RH)
 Sampling Rate: Yes (2 secs to 24 hours)
 Internal Memory: 32k readings (16,000 temp. and 16,000 humidity)
 Power Supply: 3.6V battery
 PC Connectivity: Yes (USB)
 Software: Included
 Software OS Compatibility: Windows 7, 8, 10
 Product Certifications: CE
 Operating Temperature: -31 to 176°F (-35 to 80°C)
 Storage Temperature: -31 to 176°F (-35 to 80°C)
 Operating Humidity: 0 to 100%
 Dimensions: 4 x 1 x 0.9" (101 x 25 x 23mm)
 Weight: 6 oz (172g)

Model	Description
R6020	Temperature / Humidity Datalogger
R6020-NIST	Temperature / Humidity Datalogger & NIST