The HOBO RX3000 is a research-grade data logging station that combines greater measurement flexibility and an on-board LCD display in a rugged, easy-to-deploy package.

**Supported Measurements:**

**Indoor Environmental:** Temperature, Relative Humidity, Dew Point, C02, Air Velocity, VOC

**Energy/Power:** 4-20mA, AC Current, AC Voltage, Amp Hour, Amps, Compressed Air Flow, DC Current, DC Voltage, Differential, Pressure, Gauge Pressure, kW, kWh, Power Factor, Pulse Input, Volt-Amp Reactive, Volt-Amp Reactive Hour, Volt-Amps, Volts, Water Flow, Watt Hours, Watts

**Outdoor Environmental:** Temperature, Relative Humidity, Dew Point, Solar Radiation, PAR, Rainfall, Wind Speed, Wind Direction, Soil Moisture, Barometric Pressure, Leaf Wetness, 4-20mA, Voltage Input, Pulse Input

**Key Advantages:**

- Cloud-based data access
- Plug-and-play operation
- Flexible support for a broad range of sensors
- LCD display for easy field deployment
- Alarm notifications via text, email
- Rugged double-weatherproof enclosure
- Cellular, WiFi and Ethernet communications

**Minimum System Requirements:**

- Software
- Data plan*
- Power source¹
- Sensor

*Requires paid data plan
¹AC power adapter or solar panel required. For more details, please visit onsetcomp.com, or call us at 1-800-564-4377.
<table>
<thead>
<tr>
<th>Part number</th>
<th>RX3001-00-01 (ETH)</th>
<th>RX3002-00-01 (WiFi)</th>
<th>RX3003-00-01 (3G)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart Sensor Connectors</td>
<td>10 (up to 15 data channels; some sensors use more than one data channel)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Number of Sensors</td>
<td>18 (when 2 Analog Modules are configured in the station)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smart Sensor Cable Length</td>
<td>100 m (328 ft) maximum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module Slots</td>
<td>2 (for optional Analog or Relay module; see manual for detailed module specification)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fastest Logging Rate</td>
<td>1 second</td>
<td>1 second</td>
<td>1 minute</td>
</tr>
<tr>
<td>Memory</td>
<td>32 MB, 2 million measurements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alarm notification latency</td>
<td>Logging interval plus 2-4 minutes, typical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Rating</td>
<td>Weatherproof enclosure, NEMA 4X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Range</td>
<td>-40° to 60°C (-40° to 140°F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>Onset solar panel, AC charger or user-provided external power supply is required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery Life</td>
<td>Typical 3-5 years; 4 Volt, 10 Ahr, rechargeable sealed lead-acid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>18.6 x 18.1 x 11.8 cm (7.3 x 7.1 x 4.7 in.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>2.2 kg (4.85 lb)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Communications**

- **Ethernet**
  - RJ45/100BaseT
- **WiFi**
  - IEEE 802.11 b/g/n
- **Cellular**
  - GSM/GPRS/EDGE: Quad band 850/900/1800/1900 MHz,
  - UMTS/HSPA+: Five band 800/850/900/1900/2100 MHz

**CE Compliant**

- Yes

For more details, please visit onsetcomp.com, or call us at 1-800-564-4377.

---

**Contact Us**

**Sales (8am to 5pm ET, Monday through Friday)**
- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

**Technical Support (8am to 8pm ET, Monday through Friday)**
- Contact Product Support onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532