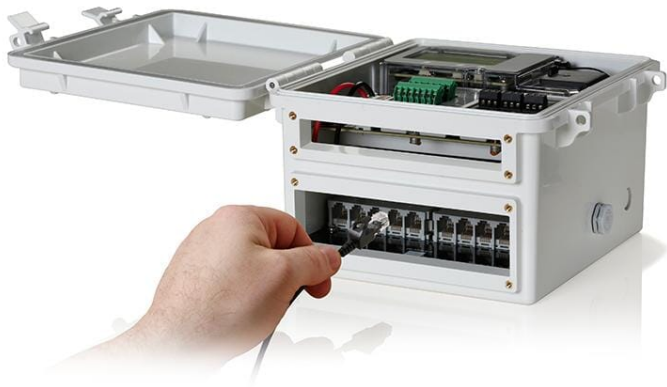




HOBO RX3000 Remote Monitoring Weather Station Data Logger (add sensors as required)

Product Images







Short Description

The HOBOnet RX3000 is Onset's next-generation remote data logging station that provides instant access to site-specific environmental data anywhere, anytime via the internet.

Description

The HOBOnet RX3000 is Onset's next-generation remote data logging station that provides instant access to site-specific environmental data anywhere, anytime via the Internet.

The new station combines the flexibility and sensor quality of more expensive systems, an onboard LCD display, and the convenience of plug-and-play operation.

- Flexible support for a broad range of sensors
- LCD display for easy field deployment
- 4G/3G/2G cellular, Wi-Fi and Ethernet options available
- Cloud-based data access via HOBOnet web-enabled software platform
- Plug-and-play operation
- Alarm notifications via text/email
- Rugged double-weatherproof enclosure
- Optional analogue input and relay modules.

The RX3000 is compatible with the full range of Onset Smart sensors, Onset HOBOnet wireless sensors, third party compatibility using analogue connections (Please [contact us](#) for advice and compatibility).

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Call **+44 (0)1243 558270**, click on the webchat box below, or fill out our [contact form](#).

Note: HOBOWare software and USB cable are required for initial setup of Wi-Fi units or Ethernet units with Static IP addresses.

Additional Information

Country of Manufacture	United States
Explanation	COMPUTER Access Via Web Browser
	OUTDOOR UNIT Environmental Rating: NEMA 4X (requires proper installation of cable channel system). Outer enclosure: Polycarbonate/PBT blend with stainless steel hinge pins and brass inserts; Inner enclosure: Polycarbonate; Gaskets: Silicone rubber; Cable channel: EPDM rubber; Cable opening cover: Aluminium with ABS plastic thumb screws; U-Bolts: Steel with zinc dichromate finish
	DIMENSIONS 18.6 x 18.1 x 11.8 cm
	BATTERIES 4 Volt, 10 AHr, rechargeable sealed lead-acid
	POWER Solar Powered or if external power required using one of these options: AC power adapter (AC-U30), solar panel (SOLAR-5W), or external power source 5 V DC to 17 V DC with external DC power cable (CABLE-RX-PWR)
SOFTWARE Data is accessed via HOBOLink through a web browser. HOBOWare Pro may be useful	
Brand	Onset HOBO
Channel(s)	Maximum of 15 smart sensor data channels (some smart sensors use more than one data channel; see sensor manual for details)
Onset Product Series	RX
Typical applications	Building Monitoring, Building Performance, Cement Curing, Datalogging, Energy, Environmental (Indoor), Environmental (Outdoor), Field Research, HVAC, Physical Movement, Thermal Comfort, Weather Monitoring

Measurements

4-20mA, Air Velocity, Amp Hour (Ah), Amps (A), Barometric Pressure, CO2, Compressed Air Flow, Current AC, Current DC, Dew Point, Differential Pressure, Evapotranspiration, Event, Flood Alert, Humidity, Kilowatts (kW), kWh, Leaf Wetness, Light Intensity, Light On/Off, Moisture, Motor On/Off, PAR/Quantum Light, Power Factor (PF), Pressure, Pulse, Rainfall, Soil Moisture, Solar Radiation, Temperature, Universal, Volatile Organic Comp., Volt-Amp Reactive, Volt-Amp Reactive hour, Volt-Amps (VA), Voltage AC, Voltage DC, Volts (V), Water Flow, Water Level, Water Temperature, Watt Hours (Wh), Watts (W), Wind Direction, Wind Speed

Compatible With

Full range of Onset HOBOnet wireless and HOBO plug & play sensors, plus third party compatibility using analogue connections (Please contact us for advice and compatibility).

Additional Options

Data Plan	Basic 4G Plan - 60 minutes interval - up to 22 sensors (SP-811)
	Standard 4G Plan - 10 minutes interval - up to 25 sensors (SP-813)
	Premium 4G Plan - 10 minutes interval - up to 65 sensors (SP-815)
Mounting Options	HOBO 2-Metre Tripod Kit (M-TPB-KIT)
	HOBO 3-Metre Tripod Kit (M-TPA-KIT)
Additional Power Options	15 Watt Solar Panel (SOLAR-15W)
	5 Watt Solar Panel (SOLAR-5W)
	Power Adapter (AC) (SKU: AC-U30-EU)
	External DC Power Cable for RX3000 (CABLE-RX-PWR)
HOBOWare Pro Software Options	HOBOWare Pro on USB Drive (USB cable included)
	HOBOWare Pro on CD (USB Cable Included)
	HOBOWare Pro - Download Only (USB cable NOT included)
USB Cable (included with HOBOWare Pro on USB Drive & CD)	HOBO U-Series to PC USB Cable
Optional Sensors (Hold down Ctrl to select multiple options)	12-Bit Temperature Smart Sensor - 2m cable (S-TMB-M002)
	12-bit Temperature/Relative Humidity Smart Sensor - 2m cable (S-THC-M002)
	Radiation Shield for Temp/RH Sensor (RS3-B)
	Davis Wind Speed and Direction Smart Sensor (S-WCF-M003)
	Wind Speed and Direction Smart Sensor Set (S-WSET-B)
	Full Crossarm for Wind Speed/Direction Sensors (M-CAA)
	Ultrasonic Wind Speed & Direction Smart Sensor (S-WCG-M003)
	Barometric Pressure Smart Sensor (S-BPB-CM50)
	Leaf Wetness Smart Sensor (S-LWA-M003)
	Solar Radiation (Silicon Pyranometer) Smart Sensor (S-LIB-M003)

	Solar Radiation Sensor Bracket (M-LBB)
Rainfall Sensors	Davis 0.2 mm Resolution Rain Gauge Smart Sensor (S-RGF-M002)
	HOBO 0.2 mm Resolution Rain Gauge Smart Sensor (2m cable) (S-RGB-M002)
Soil Moisture Sensors	EC-5 Soil Moisture Smart Sensor (S-SMC-M005)
	10HS Soil Moisture Smart Sensor (S-SMD-M005)
Water Level Sensor Module	Water Level Sensor Module for RX3000 (RXMOD-W1)
Water Level, Temperature & Pressure Sensors	Fresh Water Stainless Steel - 4 Metre Range (MX2001-04-S)
	Fresh Water Stainless Steel - 9 Metre Range (MX2001-01-S)
	Fresh Water Stainless Steel - 30 Metre Range (MX2001-02-S)
	Fresh Water Stainless Steel - 76 Metre Range (MX2001-03-S)
	Salt Water Titanium - 4 Metre Range (MX2001-04-Ti-S)
	Salt Water Titanium - 9 Metre Range (MX2001-01-Ti-S)
Water Level Sensor Cables	1.0m RWL Cable (CABLE-RWLMOD-1.0)
	2.0m RWL Cable (CABLE-RWLMOD-2.0)
	5.0m RWL Cable (CABLE-RWLMOD-5.0)
	10.0m RWL Cable (CABLE-RWLMOD-10.0)
	15.0m RWL Cable (CABLE-RWLMOD-15.0)
	30.0m RWL Cable (CABLE-RWLMOD-30.0)
	60.0m RWL Cable (CABLE-RWLMOD-60.0)
Additional Modules	1 X 4 Channel Analogue
	1 X Relay
	1 X 4-Channel Analog & 1 X Relay
	2 X Relay
RX3000 Accessories (Use CTRL to select multiple options)	Cable Caddy

Smart Sensor Consolidator Box

1-to-2 Sensor Communication Adapter

2 Metre Smart Sensor Extension Cable

5 Metre Smart Sensor Extension Cable

10 Metre Smart Sensor Extension Cable

25 Metre Smart Sensor Extension Cable

Weatherproof Extension Housing

2 Metre Tripod Kit

3 Metre Tripod Kit

2 Metre Tripod Tower with Mast

3 Metre Tripod Tower with Mast

1.5 Metre Mast

3 Metre Mast