



Nomad® 2 Data Loggers

Item #	Description	Price (USD)
301	Nomad 2 Data Logger Nomad 2 includes a built-in charger/regulator unit, built-in LCD screen, keypad, 12 counter and 8 analog sensor inputs, lightning protection, lockable steel enclosure. Comes with 4 alkaline batteries, 4 multi-cable glands, serial cable, user's manual, Nomad Desktop™ software, a 32 MB Compact Flash card, and hose clamps for mounting to tube towers.	\$1,499
399	Modbus software for Nomad 2 SCADA connection	\$400

Tower Systems

ProMast™ 60 60-Meter Tower System

All 60-meter systems include: Nomad 2 data logger (#301) • 60-meter ProMast 60 tower (#275) • Grounding Kit (#223) • (6) Second Wind C3C calibrated anemometers (#982) • (2) Second Wind PV-1 wind vanes (#983) • Thermistor (#395) and shield (#144) • (8) 68" tower booms (#125B) • (8) 22" sensor masts (#122B). Masts are pre-wired with (2) #128A6, (2) #128A5, (2) #128A4, (1) #128V6, (1) #128V5 sensor wire • Extra 32 MB Compact Flash Card (#331)

\$14,900

SkyServe® Satellite Wind Data Service

Item #	Description	Price (USD)
360	Globalstar Satellite Modem Package Modem, antenna, GPS unit, 10 Watt solar panel, 12 Volt battery	\$2,495
362	Globalstar Satellite Modem With antenna and GPS unit	\$2,285
811	Daily SkyServe Satellite Service Provides access to daily data files via secure Second Wind server	\$125/month
812	Real Time SkyServe Satellite Service Provides access to 10-minute data files via secure Second Wind server	\$225/month

Standard Modems and Accessories for Use with Nomad® 2

Item #	Description	Price (USD)
Modem Packages		
352	CDMA Package Modem, antenna, 5 Watt solar panel, 12 V rechargeable battery	\$1,180
350	GSM Package Modem, antenna, 5 Watt solar panel, 12 V rechargeable battery	\$1,180
359	Iridium Satellite Package Modem, antenna, 10 Watt solar panel, 12 V rechargeable battery	\$2,975
Modem Only (includes install/mounting shelf)		
356	CDMA modem with antenna	\$985
354	GSM modem with dual mode antenna (North American/European)	\$985
361	Iridium Satellite modem with antenna	\$2,780
358	Yagi antenna Includes mounting for tube tower. Specify CDMA or GSM	\$150
376	Lightning Suppressor for Yagi antenna mounted to Nomad enclosure	\$165

Data Cards, Readers, and Cables for Nomad 2

Item #	Description	Price (USD)
331	32MB Compact Flash Card Industrial, wide-temperature to -40 °C	\$30
332	256MB Compact Flash Card Industrial, wide-temperature to -40 °C	\$35
336	Compact Flash Card reader for USB port Connects to any PC for reading and archiving Nomad 2 data	\$35
338	Serial to USB cable For directly retrieving data into a PC's USB port (for laptops and PCs without a serial port)	\$50
339	Serial cable For directly retrieving Nomad 2 data into a PC's serial port	\$5

Installation Accessories

Item #	Description	Price (USD)
122B	Sensor mast for Second Wind anemometers and wind vanes. 22" (56cm, ½" O.D. Stainless tube)	\$35
122RV	Sensor mast for Risoe, Vector, or Thies anemometers. 17" (42cm, 1" O.D. Aluminum tube)	\$30
125C-6	72" Sensor boom (170cm, 1.51" O.D.) Accepts one ½" O.D. mast. Mounts to 6" tube tower.	\$170
125C-6RV	72" Sensor boom (170cm, 1.51" O.D.) Accepts one 1" O.D. mast. Mounts to 6" tube tower.	\$205
125C-6.5	72" Sensor boom (170cm, 1.51" O.D.) Accepts one ½" O.D. mast. Mounts to 6.5" tube tower.	\$170
125C-6.5RV	72" Sensor boom (170cm, 1.51" O.D.) Accepts one 1" O.D. mast. Mounts to 6.5" tube tower.	\$205
125C-9	72" Sensor boom (170cm, 1.51" O.D.) Accepts one ½" O.D. mast. Mounts to 8.75", 9", 10" tube towers.	\$190
125C-9RV	72" Sensor boom (170cm, 1.51" O.D.) Accepts one 1" O.D. mast. Mounts to 8.75", 9", 10" tube towers.	\$225
139	68" Sensor boom for 12" face Lattice Tower (170cm, 68" from edge of tower) Accepts one ½" O.D. sensor mast	\$185
139RV	68" Sensor boom for 12" face Lattice Tower (170cm, 68" from edge of tower) Accepts one 1" O.D. sensor mast	\$220
140	72" Sensor boom for 18" face Lattice tower (180cm 72" from edge of tower) Accepts one ½" O. D. sensor mast.	\$190
140RV	72" Sensor boom for 18" face Lattice tower (180cm 72" from edge of tower) Accepts one 1" O. D. sensor mast.	\$225
128	Shielded Sensor Cable 22 gauge, 4-conductor.	\$1.50/meter
128A1	Terminated anemometer cable for 10 meter height. Cut length 12 meters.	\$18
128A2	Terminated anemometer cable for 20 meter height. Cut length 22 meters.	\$33
128A3	Terminated anemometer cable for 30 meter height. Cut length 33 meters.	\$49
128A4	Terminated anemometer cable for 40 meter height. Cut length 44 meters.	\$66
128A5	Terminated anemometer cable for 50 meter height. Cut length 55 meters.	\$82
128A6	Terminated anemometer cable for 60 meter height. Cut length 65 meters.	\$98
128A7	Terminated anemometer cable for 70 meter height. Cut length 75 meters.	\$113
128A8	Terminated anemometer cable for 80 meter height. Cut length 85 meters.	\$128
128A10	Terminated anemometer cable for 100 meter height. Cut length 105 meters.	\$158
128V1	Terminated Vane cable for 10 meter height. Cut length 12 meters.	\$18
128V2	Terminated Vane cable for 20 meter height. Cut length 22 meters.	\$33
128V3	Terminated Vane cable for 30 meter height. Cut length 33 meters.	\$49
128V4	Terminated Vane cable for 40 meter height. Cut length 44 meters.	\$66
128V5	Terminated Vane cable for 50 meter height. Cut length 55 meters.	\$82
128V6	Terminated Vane cable for 60 meter height. Cut length 65 meters.	\$98
128V7	Terminated Vane cable for 70 meter height. Cut length 75 meters.	\$113
128V8	Terminated Vane cable for 80 meter height. Cut length 85 meters.	\$128
128V10	Terminated Vane cable for 100 meter height. Cut length 105 meters.	\$158
380	Waterproof cable gland kit. Set of four fittings. Each secures 4 cables for NEMA 4X-IP65 wiring enclosure.	\$25

Meteorological Towers

These galvanized, cold-rolled tubes are special mill run structural steel. The tower consists of overlapping sections that are assembled on the ground, tilted into place using a gin pole and winch, and secured with guy wires and anchors.

Item #	Description	Price (USD)
283	60 Meter/198 foot ProMast tilt-up tower (Ice rated. 6.35mm ice at 100 mph.)	\$12,200
284	Gin pole for 60m ProMast	\$1,775
287	8" Screw-in anchor	\$75
282	Rock anchor	\$70
281A	7,040-pound Grip puller Manual grip puller lifts 7,040 pounds, comes with 245 foot cable.	\$1,575
223	Grounding kit Copper clad grounding stake, lightning rod, ground lugs and connectors.	\$50
265	Aviation marker ball kit Set of four	\$460

Sensors

In addition to the sensors listed below, **Nomad 2** supports most sensors on the market today.

Item #	Description	Price (USD)
981	Second Wind C3 anemometer RoHS-compliant, with rubber boot.	\$145
982	Second Wind C3C anemometer Wind tunnel calibrated. Includes certificate of calibration.	\$295
984	Second Wind C3C anemometer MEASNET Calibrated in Denmark w/certificate of calibration and rubber boot.	\$375
149	WindSensor (Risø) P2546A anemometer (MEASNET Calibrated in Denmark). *Price subject to exchange rates	\$1240*
983	Second Wind PV-1 wind vane with rubber boot.	\$245
146	R.M. Young 27106T Propeller anemometer (special order)	\$525
132	R.M. Young #5103 Wind Monitor propvane anemometer, vane combination.	\$945
395	Thermistor For use with Nomad 2 logger. Accurate to $\pm 0.2^{\circ}\text{C}$ between 0° to 50°C , $\pm 0.5^{\circ}\text{C}$ between -40° to 105°C .	\$95
144	Radiation shield for temperature sensor and thermistor	\$100
114	SETRA barometric pressure sensor Accurate to within 1.25 millibars.	\$325
190	E+E Elektronik temperature/humidity sensor With ventilated radiation shield	\$395
129	LiCor 200SZ pyranometer With interface box, leveling plate, 50'/15m cable, boom, and hose clamps.	\$525
130	R.M. Young rain gauge	\$495
BF3	Sunshine Sensor Measures global (total) and diffuse radiation. Includes: 5 meter cable, mounting boom	\$3720

Batteries and Remote Power Options

Item #	Description	Price (USD)
370	12 Volt 7.2 Amp-hour rechargeable lead-acid battery Includes shelf to mount inside Nomad 2	\$55
371	12 Volt 20 Amp-hour rechargeable lead-acid battery Includes shelf to mount inside Nomad 2	\$145
228	9 Volt alkaline batteries (4 pack)	\$10
227	9 Volt lithium battery For installations with anticipated temperatures to -40°C .	\$18
372	5 Watt solar panel Includes mounting bracket.	\$155
221	10 Watt solar panel Includes mounting bracket.	\$200
374	Battery charger For charging 12V rechargeable batteries, 120V AC input.	\$85
717	Power supply 120V AC converter	\$35

Ordering Information

PRICES: FOB Somerville, Massachusetts, USA for all equipment. Shipping and relevant taxes not included. All prices are in US Dollars, and are subject to change without notice.

PAYMENT OPTIONS: Second Wind accepts payment by Master Card, VISA, and American Express credit cards, along with bank transfers and checks (Note: international funds must be drawn on a US bank). Letters of Credit are allowed on approval only for minimum orders of \$10,000, and are subject to a \$350 handling fee. Credit terms are Net 30 on approved credit. Please contact a Second Wind sales representative for more details on payment options.

WARRANTY: Second Wind warrants its products to be free from defects in material and workmanship for a period of one year from the date of delivery, subject to the conditions described in the user's manual. Contact Second Wind for a copy of the full warranty.

RETURNS: 25% restocking fee is applied to any returned goods in new condition and in original packaging.

REPAIR: Contact Customer Support before returning any equipment, and receive a Return Merchandise Authorization (RMA) number prior to shipment. Please direct customer support inquiries to:

<http://secondwind.crmdesk.com>
E-mail: support@secondwind.com
Phone: (617) 776-8520

ORDERING:

For all sales inquiries, please contact Second Wind:

E-mail: sales@secondwind.com
Phone: (617) 776-8520

Second Wind Inc.
366 Summer Street
Somerville, MA 02144 USA
Phone: (617) 776-8520
Fax: (617) 776-0391

Please visit us on the web at www.secondwind.com.

**Call us at (617) 776-8520 or email sales@secondwind.com.
Our experts will answer your questions
and put together a system that is right for your project.**