

WEATHER STATION PACKAGES

Standard System Includes:

- Orion Transmitter with the following sensors:
 - Ultrasonic **Wind direction & speed**
 - Air Temperature**
 - Relative Humidity**
 - Barometric Pressure**
 - Impact Rain**
- Self-Aspirating Radiation Shield
- Bird Spike Kit
- 50 foot sensor cable
- Comprehensive user manual
- RS-232 Computer cable
- Sensor Mounting/Alignment adapter

CAT. NO.	DESCRIPTION	PRICE
9511-A-1	Orion Weather Station without viewing option	\$3850.00
9511-B-1	Orion Weather Station with WeatherMaster Software	\$4245.00
9511-C-1	Orion Weather Station with Weather Display Console*	\$5049.00
9511-D-1	Orion Weather Station with WeatherMaster and Display Console*	\$5444.00
9421-A-1	Orion 420 Weather Station with 4-20mA signal output	\$5315.00

OPTIONAL DISPLAY CONSOLES, SENSORS, AND SOFTWARE

8170-A-1	Weather Display Console* Includes power supply and communication cable	\$1199.00
* Weather Display Console is available in Desktop, 19" Rack Mount and Panel Mount configurations		
9590	Weather MicroServer Ethernet/Internet compatibility, SNMP and Modbus/TCP Interfaces.	1195.00
8290	WeatherMaster Software, including 3 User License Display, record, graph, and store weather data. CAMEO/ALOHA Interface.	395.00
8253-2	Wireless Transceiver Pair, 900MHz, 1 watt, 20-mile range line-of-sight Includes Antennas, power supplies and communication cables.	995.00
8245-2	Wireless Transceiver Pair, 2.4GHz, 100m Watt, 3-mile range line-of-sight Includes Antennas, power supplies and communication cables.	700.00
9501-A-1	Orion LT Wind Monitor	2065.00
9580	Heater for Wind Sensors This option is built into the sensor module at time of order	150.00
8355	Surge Arrestor for data and power signals Protects the sensor transmitter from electromagnetic discharge	350.00
82601	Solar Radiation Sensor (Pyranometer) - Amplified Including 50 ft cable and mounting hardware - Requires MicroServer	530.00
9573	RS-232 Interface Module, 4 Channels Allows the connection of multiple viewing options	125.00
9581	Pressure, Temperature, Humidity Module (PTU) Replacement/Spare Module	299.00

Columbia Weather Systems, Inc. • 2240 NE Griffin Oaks St., Suite 100 • Hillsboro, OR 97124-7135 • USA
Toll-free 1 888 508-7375 • Phone (503) 629-0887 • Fax (503) 629-0898

Terms: All prices listed are for sale in the United States. Please call or email for international prices. Order cancellation fee: 15% of order value.
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ACCESSORIES AND CABLE

CAT. NO.	DESCRIPTION	PRICE
88019	Tripod including guyed instrumentation mast, 10 feet Includes Tiedown Kit Assembly	\$429.00
88004	Mast, 10 ft., fiberglass For mounting sensor transmitter; resists rust; recommended for marine and other corrosive environments; includes two five-foot sections.	125.00
88005	Mast, 10 ft., steel For mounting sensor transmitter; includes two five-foot sections.	52.00
88003	Hardware Kit for Mast, Wall Mount Includes mounting brackets with four-inch overhang (eaves) clearance, screws, clips and bushings to mount mast and to route cable; used only with steel mast Cat. No. 88005.	31.00
88002	Hardware Kit for Mast, Roof Mount Includes base mount, mast collar, 50 ft guy wire, screws, clips and bushings to mount mast and to route cable; select mast, Cat. No. 88004 or 88005.	57.00
88015	Vehicle Mount, Telescoping Mast and Mounting Brackets For a detachable mounting of sensor transmitter on a vehicle. Includes telescoping pole, anodized, 8 foot and truck mount brackets.	550.00
9584	Bird Spike Kit Protects the sensor transmitter from bird damage and interference	150.00
88161	Weatherproof Enclosure For mounting the wireless transceiver and power supply outdoors	250.00
8290-1	WeatherMaster additional User License WeatherMaster catalog number 8290 required	100.00
8353	RS-232 Surge Protector Protects RS-232 communication port on the computer or monitoring device from lightning and power surges. DB-9 Connector	105.00
8247-2	RS-422 Converter Pair Extends the range of RS-232 signal to 3.1 mile/5 km	300.00
8230	Cable, RS-422, 2 Pair Conductor Used with RS-422 Converter Modules	0.44/ft
8233	Extra Length RS-232 Cable Four-conductor Modular Line	0.25/ft
81547	Extra Length Shielded sensor Cable Seven-conductor with grounded shield.	0.95/ft

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