



EnviroMonitor Sensor Compatibility

The EnviroMonitor Node is compatible with all Davis sensors as well as many sensors manufactured by other companies. Use this table to determine which sensors are supported and tested for use with your EnviroMonitor system. Wiring diagrams for each sensor are included in the EnviroMonitor App.

This list will be updated as supported sensors are added. Please check back frequently.

Don't see your sensor on the list? Please call Davis Technical Support at (510) 732-7814 or email to support@davisinstruments.com to see about getting it added to the list.

Note: An * in the model number is a placeholder indicating that a model with any number here is supported.

SENSOR TYPE	MANUFACTURER	MODEL
CARBON DIOXIDE (CO ₂)	Atlas Scientific	EZO-CO2
	Generic	0.1 Gallon/0.1 Liter per Pulse 1 Gallon/1 Liter per Pulse 10 Gallons/10 Liters per Pulse 100 Gallons/100 Liters per Pulse 1000 Gallons/1000 Liters per Pulse
FLOW METER	YF-S201	YF-S201 Hall Effect Water Flow Meter / Sensor
	McCrometer	FC100-01 (10 Gallons per Pulse)
		FC100-01 (10 Liters per Pulse)
		FC100-01 (100 Gallons per Pulse)
		FC100-01 (100 Liters per Pulse)
	Seametrics	AG2000-300-11/*-PxX GPM G (10 Gallons per Pulse)
		AG2000-300-11/*-PxX LPM L (10 Liters per Pulse)
		AG2000-400-11/*-PxX GPM G (10 Gallons per Pulse)
		AG2000-400-11/*-PxX LPM L (10 Liters per Pulse)
		AG2000-600-11/*-PxX GPM G (10 Gallons per Pulse)
		AG2000-600-11/*-PxX LPM L (10 Liters per Pulse)
		AG2000-800-11/*-PxX GPM G (10 Gallons per Pulse)
		AG2000-800-11/*-PxX LPM L (10 Liters per Pulse)
		AG2000-1000-11/*-PxH GPM G (100 Gallons per Pulse)
		AG2000-1000-11/*-PxH LPM L (100 Liters per Pulse)
		AG2000-1200-11/*-PxH GPM G (100 Gallons per Pulse)
		AG2000-1200-11/*-PxH LPM L (100 Liters per Pulse)
		AG3000*-F1-BX-X (10 Gallons per Pulse)
		AG3000*-F1-BX-X (10 Liters per Pulse)
		AG3000*-F1-BX-X (100 Gallons per Pulse)
AG3000*-F1-BX-X (100 Liters per Pulse)		
Sierra Instruments	InnovaSonic 203 (10 Gallons per Pulse)	
	InnovaSonic 203 (10 Liters per Pulse)	
	InnovaSonic 203 (100 Gallons per Pulse)	
	InnovaSonic 203 (100 Liters per Pulse)	

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Davis Instruments
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SENSOR TYPE	MANUFACTURER	MODEL
INTEGRATED SENSOR SUITE (Temperature, Humidity, Rain, Wind Speed, Wind Direction, Wind Chill, optional Solar Radiation & UV) *Wireless supported by EnviroMonitor IP Gateway only	Davis Instruments	Cabled Vantage Pro2 GroWeather: 6820C, 6820CM
		Cabled Vantage Pro 2 GroWeather: 6825C, 6825CM
		Cabled Vantage Pro2: 6322C, 6322CM
		Cabled Vantage Pro2 Plus: 6327C, 6327CM
		Cabled Vantage Pro2 with Solar & Fan: 6334C, 6334CM
		Vantage Vue*: 6357, 6357M, 6357OV
		Wireless Vantage Pro2*: 6322, 6322M, 6322OV
		Wireless Vantage Pro2 24-Hour Fan:* 6323, 6323M, 6323OV
		Wireless Vantage Pro2 Plus*: 6327, 6327M, 6327OV
		Wireless Vantage Pro2 Plus 24-Hour Fan*: 6328, 6328M, 6328OV
		Wireless Solar/Ag Daytime Fan*: 6334, 6334M, 6334OV
		Wireless GroWeather*: 6820, 6820M, 6820OV
		Wireless GroWeather ISS 24-Hour Fan*: 6825, 6825M, 6825OV
LEAF WETNESS	Davis Instruments	Leaf Wetness Sensor: 6420
FLUID LEVEL SENSOR	Dwyer	MBLT-2SC-VV*F-15-***
		MBLT-2SC-VV*F-20-***
		MBLT-2SC-VV*F-30-***
		MBLT-2SC-VV*F-50-***
		MBLT-2SC-VV*F-100-***
		MBLT-2SC-VV*F-150-***
		MBLT-2SC-VV*M-5-***
		MBLT-2SC-VV*M-10-***
		MBLT-2SC-VV*M-15-***
		MBLT-2SC-VV*M-20-***
		MBLT-2SC-VV*M-30-***
		MBLT-2SC-VV*M-40-***
		MBLT-2SC-VV*M-50-***
		MBLT-2SC-VV*M-60-***
		MBLT-2SC-VV*P-5-***
		MBLT-2SC-VV*P-10-***
		MBLT-2SC-VV*P-15-***
MBLT-2SC-VV*P-20-***		
PAR (PPFD)	Apogee Instruments	SQ-212-SS: 0-2.5 V Full-Spectrum Quantum Sensor
	Spectrum Technologies	SQ-512-SS: 0-2.5 V Full-Spectrum Quantum Sensor
	Wuhan Zhongke Nenghui Technology	PAR 11

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SENSOR TYPE	MANUFACTURER	MODEL
PRESSURE TRANSDUCER (V)	Dwyer	628-07-**-**-**_S2
		628-07-**-**-**-S7
		628-10-**-**-**-S2
		628-10-**-**-**-S7
		628-12-**-**-**-S7
	Omega	PX309-100G5V
	SSI Technologies	P51-15G-**- ***-4.5*
		P51-15G-**- ***-5V
		P51-100G-**- ***-4.5*
		P51-100G-**- ***-5V
P51-200G-**- ***-5V		
PRESSURE SWITCH	Generic	Normally Closed Normally Open
	Gems	PS11-20-****-A- PS11-20-****-B-
	Nason	SM-**A SM-**B
	ProSense	MPS25-1C-*** (Normally Open)
	Transducers Direct	TDPS11*CW (Normally Open)
	RAINFALL	Davis Instruments
Rain Collector (VP2 Base/Pole Mount): 6464, 6464M		
Rain Collector (Flat Mount): 7852, 7852M		
Rain Collector (VP2 Base/Pole Mount): 7857, 7857M		

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SENSOR TYPE	MANUFACTURER	MODEL
SOIL MOISTURE	Acclima	TDR-310H
		TDR-315H
	Aquacheck	Classic 400 (16"); 4 sensors
		Sub-Surface 400 (16"); 4 sensors
		Classic 600 (24"); 6 sensors
		Sub-Surface 600 (24"); 6 sensors
		Classic 800 (32"); 6 sensors
		Sub-Surface 800 (32"); 6 sensors
		Classic 1000 (40"); 6 sensors
		Sub-Surface 1000 (40"); 6 sensors
		Classic 1200 (48"); 6 sensors
		Sub-Surface 1200 (48"); 6 sensors
		Classic 1500 (60"); 6 sensors
		Sub-Surface 1500 (60"); 6 sensors
	Campbell Scientific	650
		655
	Davis Instruments	Soil Moisture Sensor: 6440
	Decagon	5TE
		5TM
		10HS
		EC-5
		GS1
		GS3
		MPS-6
	Delta-T	Soil Moisture SM150
		Soil Moisture SM150T
		Soil Moisture SM300
	HSTI	HydraSCOUT 101-0505 (20"); 5 sensors
		HydraSCOUT 101-0605 (24"); 5 sensors
		HydraSCOUT 101-0805 (32"); 5 sensors
		HydraSCOUT 101-1005 (40"); 5 sensors
		HydraSCOUT 101-1205 (48"); 5 sensors
HydraSCOUT 101-1505 (60"); 5 sensors		
HydraSCOUT 101-1506 (60"); 6 sensors		
Irrrometer	Watermark 200SS-*	
John Deere	Field Connect 0.5 M (20"); 4 sensors	
	Field Connect 1.0 M (40"); 5 sensors	
	Field Connect 1.5 M (60"); 6 sensors	
	Field Connect 1.0 M (40"); 6 sensors	
Meter	5TE	
	5TM	
	10HS	
	EC-5	
	Teros 10	
	Teros 11	
	Teros 12	
	Teros 21	

(More Soil Moisture sensors on next page)

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SENSOR TYPE	MANUFACTURER	MODEL
Soil Moisture (continued)	Sentek	00100 Single Point Sensor (10 cm/4"); 1 sensor
		00150 Single Point Sensor (10 cm/4") TriSCAN; 1 sensor
		00320 Drill & Drop 30 cm (12"); 3 sensors
		00370 Drill & Drop 30 cm (12") TriSCAN; 3 sensors
		00620 Drill & Drop 60 cm (24"); 6 sensors
		00670 Drill & Drop 60 cm (24") TriSCAN; 6 sensors
		00919 Drill & Drop 90 cm (36"); 9 sensors
		00939 Drill & Drop 90 cm (36") TriSCAN; 9 sensors
		01220 Drill & Drop 120 cm (48"); 12 sensors
		01270 Drill & Drop 120 cm (48") TriSCAN; 12 sensors
	EnviroSCAN	
	Spectrum Technologies	WaterScout SM 100
		WaterScout SMEC 300
Stevens	HydraProbe	
TriBus	TGSSPS 10/05 (40"); 5 sensors	
	TGSSPS 12/06 (48"); 6 sensors	
SOLAR RADIATION	Davis Instruments	Solar Radiation Sensor: 6450
TEMPERATURE	Davis Instruments	Stainless Temp Probe with 2-Wire Connector: 6470
		Stainless Temp Probe with RJ Connector: 6475
		Temp Probe with RJ Connector: 6477
	Delta-T	Temperature SM 150T
		Temperature SM 300
TEMPERATURE/HUMIDITY	Davis Instruments	Temp/Hum Sensor with Rad. Shield: 6830
		Temp/Hum sensor with 24-Hour Fan: 6832
WEIGHT	SensorCon	SC601-3KG Load Cell w/12 VDC Power Amplifier, 0.5 to 4.5 V Out
WIND	Davis Instruments	Anemometer: 6410
		Sonic Anemometer: 6415
	LCJ Capteurs	Sonic-Anemo-DZP