



## 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 <sub>2</sub> )	<a href="#">Atlas Scientific</a>	EZO-CO2		
	<a href="#">Decagon</a>	MAX WATER DEPTHS		Model
FEET		METERS		
DEPTH & LEVEL	<a href="#">Decagon</a>	0 - 16	0 - 5	<a href="#">CTD-5</a>
		0 - 32	0 - 10	<a href="#">CTD-10</a>
	<a href="#">Dwyer</a>	11 - 15	(3 - 4)	MBLT-2SC-VV*F-15-***
		15 - 20	(4 - 6)	MBLT-2SC-VV*F-20-***
		20 - 30	(6 - 9)	MBLT-2SC-VV*F-30-***
		30 - 50	(9 - 15)	MBLT-2SC-VV*F-50-***
		50 - 100	(15 - 30)	MBLT-2SC-VV*F-100-***
		100 - 150	(30 - 45)	MBLT-2SC-VV*F-150-***
		(11 - 16)	3 - 5	MBLT-2SC-VV*M-5-***
		(16 - 32)	5 - 10	MBLT-2SC-VV*M-10-***
		(32 - 49)	10 - 15	MBLT-2SC-VV*M-15-***
		(49 - 65)	15 - 20	MBLT-2SC-VV*M-20-***
		(65 - 98)	20 - 30	MBLT-2SC-VV*M-30-***
		(98 - 131)	30 - 40	MBLT-2SC-VV*M-40-***
		(131 - 164)	40 - 50	MBLT-2SC-VV*M-50-***
		(164 - 196)	50 - 60	MBLT-2SC-VV*M-60-***
		0 - 11	0 - 3	MBLT-2SC-VV*P-5-***
		11 - 23	3 - 7	MBLT-2SC-VV*P-10-***
		23 - 34	7 - 10	MBLT-2SC-VV*P-15-***
		35 - 46	10 - 14	MBLT-2SC-VV*P-20-***
<a href="#">Judd Communications</a>	User-defined		<a href="#">Analog Depth Sensor, 5 V Output Range</a>	
<a href="#">Keller</a>	0 - 20	0 - 6	<a href="#">0407.33507.041308 Levelgage</a>	
<a href="#">Meter</a>	0 - 32	0 - 10	<a href="#">Hydros 21</a>	

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**Davis Instruments**  
**EnviroMonitor Sensor Compatibility**

SENSOR TYPE	MANUFACTURER	MODEL
FLOW METER	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
	<a href="#">McCrometer</a>	FC100-01 (10 Gallons per Pulse)
		FC100-01 (10 Liters per Pulse)
		FC100-01 (100 Gallons per Pulse)
		FC100-01 (100 Liters per Pulse)
	<a href="#">Netafim</a>	Octave 36OCT**PG1 (1 Gallon per Pulse)
		Octave 36OCT**PG10 (10 Gallons per Pulse)
		Octave 36OCT**PG100 (100 Gallons per Pulse)
		36WST**EM11DDF (1 Gallon per Pulse)
		36WST**EM11EEF (10 Gallons per Pulse)
	<a href="#">Seametrics</a>	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)	
	<a href="#">Sierra Instruments</a>	InnovaSonic 203 (10 Gallons per Pulse)
		InnovaSonic 203 (10 Liters per Pulse)
		InnovaSonic 203 (100 Gallons per Pulse)
InnovaSonic 203 (100 Liters per Pulse)		
<a href="#">YF-S201</a>	YF-S201 Hall Effect Water Flow Meter / Sensor	

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<b>INTEGRATED SENSOR SUITE</b> (Temperature, Humidity, Rain, Wind Speed, Wind Direction, Wind Chill, optional Solar Radiation & UV) *Wireless supported by EnviroMonitor IP Gateway only	<a href="#">Davis Instruments</a>	<a href="#">Cabled Vantage Pro2 GroWeather: 6820C, 6820CM</a> <a href="#">Cabled Vantage Pro 2 GroWeather: 6825C, 6825CM</a> <a href="#">Cabled Vantage Pro2: 6322C, 6322CM</a> <a href="#">Cabled Vantage Pro2 Plus: 6327C, 6327CM</a> <a href="#">Cabled Vantage Pro2 with Solar &amp; Fan: 6334C, 6334CM</a> <a href="#">Vantage Vue*: 6357, 6357M, 6357OV</a> <a href="#">Wireless Vantage Pro2*: 6322, 6322M, 6322OV</a> <a href="#">Wireless Vantage Pro2 24-Hour Fan*: 6323, 6323M, 6323OV</a> <a href="#">Wireless Vantage Pro2 Plus*: 6327, 6327M, 6327OV</a> <a href="#">Wireless Vantage Pro2 Plus 24-Hour Fan*: 6328, 6328M, 6328OV</a> <a href="#">Wireless Solar/Ag Daytime Fan*: 6334, 6334M, 6334OV</a> <a href="#">Wireless GroWeather*: 6820, 6820M, 6820OV</a> <a href="#">Wireless GroWeather ISS 24-Hour Fan*: 6825, 6825M, 6825OV</a>					
		<b>LEAF WETNESS</b>	<a href="#">Davis Instruments</a> Leaf Wetness Sensor: 6420				
			<a href="#">Decagon</a> Dielectric Leaf Wetness Sensor				
			<a href="#">Meter</a> Phytos 31				
		<b>PAR (PPFD)</b>	<a href="#">Apogee Instruments</a> SQ-212-SS: 0-2.5 V Full-Spectrum Quantum Sensor SQ-512-SS: 0-2.5 V Full-Spectrum Quantum Sensor				
			<a href="#">Spectrum Technologies</a> LightScout 3668I Quantum Light Sensor				
			Wuhan Zhongke Nenghui Technology PAR 11				
		<b>PRESSURE SENSOR</b>	<b>MAX WATER PRESSURE</b>				
				psi	bar	Model	Voltage Output
			<a href="#">Dwyer</a>	0 - 15	0.0 - 1.0	628-07-**-**-S2	1.0 to 5.0
				0 - 15	0.0 - 1.0	628-07-**-**-S7	0.5 to 4.5
				15 - 100	1.0 - 6.9	628-10-**-**-S2	1.0 to 5.0
15 - 100	1.0 - 6.9			628-10-**-**-S7	0.5 to 4.5		
100 - 200	6.9 - 13.8			628-12-**-**-S2	1.0 to 5.0		
100 - 200	6.9 - 13.8			628-12-**-**-S7	0.5 to 4.5		
<a href="#">Omega</a>	15 - 100		1.0 - 6.9	PX309-100G5V	0.0 to 5.0		
<a href="#">SSI Technologies</a>	0 - 15		0.0 - 1.0	P51-15G-**-I***-4.5*	0.5 to 4.5		
	0 - 15		0.0 - 1.0	P51-15G-**-I***-5V	1.0 to 5.0		
	15 - 100		1.0 - 6.9	P51-100G-**-I***-4.5*	0.5 to 4.5		
	15 - 100		1.0 - 6.9	P51-100G-**-I***-5V	1.0 to 5.0		
	100 - 200		6.9 - 13.8	P51-200G-**-I***-4.5*	0.5 to 4.5		
	100 - 200		6.9 - 13.8	P51-200G-**-I***-5V	1.0 to 5.0		
<a href="#">Transducers Direct</a>	15 - 100		1.0 - 6.9	TDH33-C-G-0100-03	0.0 to 5.0		
	15 - 100		1.0 - 6.9	TDH33-K-G-0100-03	0.5 to 4.5		
<b>PRESSURE SWITCH</b>	<b>Generic</b> Normally Closed Normally Open						
	<a href="#">Gems</a> PS11-**-****-A-FLXX (Normally Open) PS11-**-****-B-FLXX (Normally Closed)						
	<a href="#">Nason</a> SM-**A-****/WL (Normally Open) SM-**B-****/WL (Normally Closed)						
	<a href="#">ProSense</a> MPS25-1C-*** (Normally Open)						
	<a href="#">Transducers Direct</a> TDPS11*CW (Normally Open)						

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SENSOR TYPE	MANUFACTURER	MODEL		
RAIN	<a href="#">Davis Instruments</a>	<a href="#">Rain Collector (VP2 Base/Pole Mount): 6466, 6466M</a>		
		<a href="#">Rain Collector (VP2 Base/Pole Mount): 6464, 6464M</a>		
		<a href="#">Rain Collector (Flat Mount): 7852, 7852M</a>		
		<a href="#">Rain Collector (VP2 Base/Pole Mount): 7857, 7857M</a>		
SOIL MOISTURE	Also Includes these measurements:		Temp	EC/VIC
	<a href="#">Acclima</a>	TDR-310H	X	X
		TDR-315H	X	X
	<a href="#">AquaCheck</a>	Classic 400 (16"); 4 sensors	X	
		Sub-Surface 400 (16"); 4 sensors	X	
		Classic 600 (24"); 6 sensors	X	
		Sub-Surface 600 (24"); 6 sensors	X	
		Classic 800 (32"); 6 sensors	X	
		Sub-Surface 800 (32"); 6 sensors	X	
		Classic 1000 (40"); 6 sensors	X	
		Sub-Surface 1000 (40"); 6 sensors	X	
		Classic 1200 (48"); 6 sensors	X	
		Sub-Surface 1200 (48"); 6 sensors	X	
		Classic 1500 (60"); 6 sensors	X	
		Sub-Surface 1500 (60"); 6 sensors	X	
	<a href="#">Campbell Scientific</a>	CS650	X	X
		CD655	X	X
		SoilVUE 10 Soil Profileer 0.5m (20"); 6 sensors	X	X
		SoilVUE 10 Soil Profileer 1.0 m (40"); 9 sensors	X	X
	<a href="#">Davis Instruments</a>	<a href="#">Soil Moisture Sensor: 6440</a>		
	<a href="#">Decagon</a>	5TE	X	X
		5TE	X	
		10HS		
		EC-5		
		GS1		
		GS3	X	X
		MPS-6	X	
	<a href="#">Delta-T</a>	Soil Moisture SM150		
		Soil Moisture SM150T	X	
		Soil Moisture SM300	X	
	<a href="#">EnviroPro</a>	<a href="#">EP100G-04 (16"); 4 sensors</a>	X	X
		<a href="#">EP100G-08 (32"); 8 sensors</a>	X	X
<a href="#">EP100G-12 (48"); 12 sensors</a>		X	X	
<a href="#">EP100G-16 (64"); 16 sensors</a>		X	X	
<a href="#">EP100GL-04 (16"); 4 sensors</a>		X		
<a href="#">EP100GL-08 (32"); 8 sensors</a>		X		
<a href="#">EP100GL-12 (48"); 12 sensors</a>		X		
<a href="#">EP100GL-16 (64"); 16 sensors</a>	X			

(More Soil Moisture sensors on next page)

Davis Instruments  
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SENSOR TYPE	MANUFACTURER	MODEL	Temp	EC/VIC
SOIL MOISTURE (continued)	Also Includes these measurements:			
	<a href="#">GroPoint</a>	<a href="#">Profile 2625-N-T-2-S-N (30 cm/12")</a> ; 2 SM, 4 temp	X	
		<a href="#">Profile 2625-N-T-3-S-N (45 cm/18")</a> ; 3 SM, 6 temp	X	
		<a href="#">Profile 2625-N-T-4-S-N (60 cm/24")</a> ; 4 SM, 7 temp	X	
		<a href="#">Profile 2625-N-T-5-S-N (75 cm/18")</a> ; 5 SM, 9 temp	X	
		<a href="#">Profile 2625-N-T-6-S-N (90 cm/36")</a> ; 6 SM, 11 temp	X	
		<a href="#">Profile 2625-N-T-8-S-N (120 cm/48")</a> ; 8 SM, 14 temp	X	
		<a href="#">Profile 2625-N-2-S-N (30 cm/12")</a> ; 2 SM sensors		
		<a href="#">Profile 2625-N-3-S-N (45 cm/18")</a> ; 3 SM sensors		
		<a href="#">Profile 2625-N-4-S-N (60 cm/24")</a> ; 4 SM sensors		
		<a href="#">Profile 2625-N-5-S-N (75 cm/18")</a> ; 5 SM sensors		
		<a href="#">Profile 2625-N-6-S-N (90 cm/36")</a> ; 6 SM sensors		
		<a href="#">Profile 2625-N-8-S-N (120 cm/48")</a> ; 8 SM sensors		
	<a href="#">HSTI</a>	HydraSCOUT 101-0505 (20"); 5 sensors	X	
		HydraSCOUT 101-0605 (24"); 5 sensors	X	
		HydraSCOUT 101-0805 (32"); 5 sensors	X	
		HydraSCOUT 101-1005 (40"); 5 sensors	X	
		HydraSCOUT 101-1205 (48"); 5 sensors	X	
		HydraSCOUT 101-1505 (60"); 5 sensors	X	
		HydraSCOUT 101-1506 (60"); 6 sensors	X	
	<a href="#">Irrrometer</a>	Watermark 200SS-*		
	<a href="#">John Deere</a>	Field Connect 0.5 M (20"); 4 sensors		
		Field Connect 1.0 M (40"); 5 sensors		
		Field Connect 1.5 M (60"); 6 sensors		
		<a href="#">Field Connect 1.0 M (40"); 6 sensors</a>		
	<a href="#">Meter</a>	5TE	X	X
		5TM	X	
		10HS		
		EC-5		
		Teros 10		
		Teros 11	X	
		Teros 12	X	X
		Teros 21	X	
	<a href="#">Sentek</a>	00100 Single Point Sensor (10 cm/4"); 1 sensor	X	
		00150 Single Point Sensor (10 cm/4") TriSCAN; 1 sensor	X	X
		00320 Drill & Drop 30 cm (12"); 3 sensors	X	
		00370 Drill & Drop 30 cm (12") TriSCAN; 3 sensors	X	X
		00620 Drill & Drop 60 cm (24"); 6 sensors	X	
		00670 Drill & Drop 60 cm (24") TriSCAN; 6 sensors	X	X
		00919 Drill & Drop 90 cm (36"); 9 sensors	X	
		00939 Drill & Drop 90 cm (36") TriSCAN; 9 sensors	X	X
		01220 Drill & Drop 120 cm (48"); 12 sensors	X	
		01270 Drill & Drop 120 cm (48") TriSCAN; 12 sensors	X	X
		EnviroSCAN	X	TriSCAN
	<a href="#">Spectrum Technologies</a>	WaterScout SM 100		
		WaterScout SMEC 300	X	X
	<a href="#">Stevens</a>	HydraProbe	X	X
	<a href="#">TriBus</a>	TGSSPS 05/05 (20"); 5 sensors	X	
		TGSSPS 10/05 (40"); 5 sensors	X	
		TGSSPS 12/06 (48"); 6 sensors	X	

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SENSOR TYPE	MANUFACTURER	MODEL
SOLAR RADIATION	<a href="#">Davis Instruments</a>	<a href="#">Solar Radiation Sensor: 6450</a>
TEMPERATURE	<a href="#">Davis Instruments</a>	<a href="#">Stainless Temp Probe with 2-Wire Connector: 6470</a> <a href="#">Stainless Temp Probe with RJ Connector: 6475</a> <a href="#">Temp Probe with RJ Connector: 6477</a>
	<a href="#">Delta-T</a>	<a href="#">Temperature SM 150T</a> <b>Temperature SM 300</b>
TEMPERATURE/HUMIDITY	<a href="#">Davis Instruments</a>	<a href="#">Temp/Hum Sensor with Rad. Shield: 6830</a> <a href="#">Temp/Hum sensor with 24-Hour Fan: 6832</a>
	<a href="#">High Sierra Electronics</a>	<a href="#">5439 Surface Sentinel</a>
WATER POTENTIAL	<a href="#">FloraPulse</a>	<a href="#">uTensiometer SDI-12 Probe</a>
WATER QUALITY	<a href="#">Decagon</a>	<a href="#">ES-2 (compatible with iOS only)</a>
	<a href="#">Meter</a>	<a href="#">ES-2 (compatible with iOS only)</a>
WEIGHT	<a href="#">SensorCon</a>	<a href="#">SC601-3KG Load Cell w/12 VDC Power Amplifier, 0.5 to 4.5 V Out</a>
WIND	<a href="#">Davis Instruments</a>	<a href="#">Anemometer: 6410</a> <a href="#">Sonic Anemometer: 6415</a>
	<a href="#">LCJ Capteurs</a>	<a href="#">Sonic-Anemo-DZP</a>