



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		
	Decagon	MAX WATER DEPTHS		Model
FEET		METERS		
DEPTH & LEVEL	Decagon	0 - 16	0 - 5	CTD-5
		0 - 32	0 - 10	CTD-10
	Dwyer	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-***
Judd Communications	User-defined		Analog Depth Sensor, 5 V Output Range	
Keller	0 - 20	0 - 6	0407.33507.041308 Levelgage	
Meter	0 - 32	0 - 10	Hydros 21	

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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
	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)
	Netafim	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)
	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)		
YF-S201	YF-S201 Hall Effect Water Flow Meter / Sensor	

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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
	Decagon	Dielectric Leaf Wetness Sensor
	Meter	Phytos 31
PAR (PPFD)	Apogee Instruments	SQ-212-SS: 0-2.5 V Full-Spectrum Quantum Sensor SQ-512-SS: 0-2.5 V Full-Spectrum Quantum Sensor
	Spectrum Technologies	LightScout 3668I Quantum Light Sensor
	Wuhan Zhongke Nenghui Technology	PAR 11
PRESSURE SENSOR		MAX WATER PRESSURE
		psi bar Model Voltage Output
	Dwyer	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
	Omega	15 - 100 1.0 - 6.9 PX309-100G5V 0.0 to 5.0
	SSI Technologies	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
	Transducers Direct	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
	PRESSURE SWITCH	Generic
Gems		PS11-**-****-A-FLXX (Normally Open) PS11-**-****-B-FLXX (Normally Closed)
Nason		SM-**A-****/WL (Normally Open) SM-**B-****/WL (Normally Closed)
ProSense		MPS25-1C-*** (Normally Open)
Transducers Direct		TDPS11*CW (Normally Open)

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SENSOR TYPE	MANUFACTURER	MODEL		
RAIN	Davis Instruments	Rain Collector (VP2 Base/Pole Mount): 6466, 6466M		
		Rain Collector (VP2 Base/Pole Mount): 6464, 6464M		
		Rain Collector (Flat Mount): 7852, 7852M		
		Rain Collector (VP2 Base/Pole Mount): 7857, 7857M		
SOIL MOISTURE	Also Includes these measurements:		Temp	EC/VIC
	Acclima	TDR-310H	X	X
		TDR-315H	X	X
	AquaCheck	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	
	Campbell Scientific	CS650	X	X
		CD655	X	X
	Davis Instruments	Soil Moisture Sensor: 6440		
	Decagon	5TE	X	X
		5TE	X	
		10HS		
		EC-5		
		GS1		
		GS3	X	X
		MPS-6	X	
	Delta-T	Soil Moisture SM150		
		Soil Moisture SM150T	X	
		Soil Moisture SM300	X	
EnviroPro	EP100G-04 (16"); 4 sensors	X		
	EP100G-08 (32"); 8 sensors	X		
	EP100G-12 (48"); 12 sensors	X		
	EP100G-16 (64"); 16 sensors	X		
	EP100GL-04 (16"); 4 sensors			
	EP100GL-08 (32"); 8 sensors			
	EP100GL-12 (48"); 12 sensors			
	EP100GL-16 (64"); 16 sensors			

(More Soil Moisture sensors on next page)

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SENSOR TYPE	MANUFACTURER	MODEL	Temp	EC/VIC
SOIL MOISTURE (continued)	Also Includes these measurements:			
	GroPoint	Profile 2625-N-T-2-S-N (30 cm/12") ; 2 SM, 4 temp	X	
		Profile 2625-N-T-3-S-N (45 cm/18") ; 3 SM, 6 temp	X	
		Profile 2625-N-T-4-S-N (60 cm/24") ; 4 SM, 7 temp	X	
		Profile 2625-N-T-5-S-N (75 cm/18") ; 5 SM, 9 temp	X	
		Profile 2625-N-T-6-S-N (90 cm/36") ; 6 SM, 11 temp	X	
		Profile 2625-N-T-8-S-N (120 cm/48") ; 8 SM, 14 temp	X	
		Profile 2625-N-2-S-N (30 cm/12") ; 2 SM sensors		
		Profile 2625-N-3-S-N (45 cm/18") ; 3 SM sensors		
		Profile 2625-N-4-S-N (60 cm/24") ; 4 SM sensors		
		Profile 2625-N-5-S-N (75 cm/18") ; 5 SM sensors		
		Profile 2625-N-6-S-N (90 cm/36") ; 6 SM sensors		
		Profile 2625-N-8-S-N (120 cm/48") ; 8 SM sensors		
	HSTI	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	
	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	X	X
		5TM	X	
		10HS		
		EC-5		
		Teros 10		
		Teros 11	X	
		Teros 12	X	X
		Teros 21	X	
	Sentek	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
	Spectrum Technologies	WaterScout SM 100		
		WaterScout SMEC 300	X	X
	Stevens	HydraProbe	X	X
	TriBus	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	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
	High Sierra Electronics	5439 Surface Sentinel
WATER QUALITY	Decagon	ES-2 (<i>compatible with iOS only</i>)
	Meter	ES-2 (<i>compatible with iOS only</i>)
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