



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	
	0 - 20	0 - 6	0507.33507.081313.02 Acculevel	
Meter	0 - 32	0 - 10	Hydros 21	

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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
	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

Davis Instruments
EnviroMonitor Sensor Compatibility

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																												
		<table border="1"> <thead> <tr> <th>psi</th> <th>bar</th> <th>Model</th> <th>Voltage Output</th> </tr> </thead> <tbody> <tr> <td>0 - 15</td> <td>0.0 - 1.0</td> <td>628-07-**-**-S2</td> <td>1.0 to 5.0</td> </tr> <tr> <td>0 - 15</td> <td>0.0 - 1.0</td> <td>628-07-**-**-S7</td> <td>0.5 to 4.5</td> </tr> <tr> <td>15 - 100</td> <td>1.0 - 6.9</td> <td>628-10-**-**-S2</td> <td>1.0 to 5.0</td> </tr> <tr> <td>15 - 100</td> <td>1.0 - 6.9</td> <td>628-10-**-**-S7</td> <td>0.5 to 4.5</td> </tr> <tr> <td>100 - 200</td> <td>6.9 - 13.8</td> <td>628-12-**-**-S2</td> <td>1.0 to 5.0</td> </tr> <tr> <td>100 - 200</td> <td>6.9 - 13.8</td> <td>628-12-**-**-S7</td> <td>0.5 to 4.5</td> </tr> </tbody> </table>	psi	bar	Model	Voltage Output	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
	psi	bar	Model	Voltage Output																										
	0 - 15	0.0 - 1.0	628-07-**-**-S2	1.0 to 5.0																										
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	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																										
	Dwyer																													
	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																												
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		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	Normally Closed Normally Open																												
	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)																												

Davis Instruments
EnviroMonitor Sensor Compatibility

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
		SoilVUE 10 Soil Profiler 0.5m (20"); 6 sensors	X	X
		SoilVUE 10 Soil Profiler 1.0 m (40"); 9 sensors	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	X
		EP100G-08 (32"); 8 sensors	X	X
EP100G-12 (48"); 12 sensors		X	X	
EP100G-16 (64"); 16 sensors		X	X	
EP100GL-04 (16"); 4 sensors		X		
EP100GL-08 (32"); 8 sensors		X		
EP100GL-12 (48"); 12 sensors		X		
EP100GL-16 (64"); 16 sensors	X			

(More Soil Moisture sensors on next page)

Davis Instruments
 EnviroMonitor Sensor Compatibility

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	

Davis Instruments
EnviroMonitor Sensor Compatibility

SENSOR TYPE	MANUFACTURER	MODEL
SOLAR RADIATION	Davis Instruments	Solar Radiation Sensor: 6450
TEMPERATURE	Apogee	SI-431 -SS Infrared Radiometer
	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
	Davis Instruments	Temp/Hum Sensor with Rad. Shield: 6830 Temp/Hum sensor with 24-Hour Fan: 6832
TEMPERATURE/HUMIDITY	High Sierra Electronics	5439 Surface Sentinel
WATER POTENTIAL	FloraPulse	uTensiometer SDI-12 Probe
WATER QUALITY	Decagon	ES-2
	Meter	ES-2
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