

WatchDog® Product Line

STANDARD FEATURES

OPTIONAL SENSORS & ACCESSORIES

REFERENCE:

- ✓ STANDARD
- OPT OPTIONAL
- BLANK NOT AVAILABLE

Item #	Model	ET	LCD	Wireless	Alarm Output-Ready 3672	Air Temperature Sensor Tmp	Relative Humidity Sensor RH	Dew Point Dew	Wind Speed and Direction Wind	Tipping Bucket Rain Collector Rain 3665R	Solar Radiation Sensor Solar 3670I	Available Sensor Ports	Quantum Light Sensor PAR 3668I	Ext.(Soil) Temperature Sensor Temp 3667	Leaf Wetness Sensor LW 3666	WaterScout Soil Moisture Sensor SM 6460	WaterScout Soil Moisture/EC/Temperature Sensor SMCEC 6470-6	
Weather Stations (prepackaged units with LCD display, external sensor ports, and wireless communication options)																		
3350WD2	2900ET	✓	✓	OPT	✓	✓	✓	✓	✓	✓	✓	5	OPT	OPT	OPT	OPT	OPT	
3345WD2	2800		✓	OPT	✓	✓	✓	✓	✓	OPT	OPT	9	OPT	OPT	OPT	OPT	OPT	
3340WD2	2700		✓	OPT	✓	✓	✓	✓	✓	✓	OPT	6	OPT	OPT	OPT	OPT	OPT	
3320WD2	2550		✓	OPT	✓	✓	✓	✓	✓		OPT	6	OPT	OPT	OPT	OPT	OPT	
2000 Mini Station (affordable 4 channel datalogging units, featuring LCD display and wireless communication options)																		
3684WDPD	Plant Disease Station	✓	✓	OPT	✓	✓	✓	✓	✓	✓		0			✓			
3686WD	2475		✓	OPT	✓	✓	✓	✓	✓	OPT	OPT	1	✓	OPT	OPT	OPT	OPT	OPT
3684WD	2450		✓	OPT	✓	✓	✓	✓	✓	OPT	OPT	2	OPT	OPT	OPT	OPT	OPT	OPT
3683WD	2425		✓	OPT	✓	✓	✓	✓	✓	OPT	OPT	3	OPT	OPT	OPT	OPT	OPT	OPT
3685WD	2400		✓	OPT	✓	✓	✓	✓	✓	OPT	OPT	4	OPT	OPT	OPT	OPT	OPT	OPT
1000 Series Micro Stations (mix and match components for affordable 2-6 channel datalogging units featuring LCD display)																		
3685SM13	Irrigation Station		✓							OPT	OPT	1	OPT	OPT	OPT		✓ (3)	OPT
3680SM12	Irrigation Station		✓									0					✓ (2)	
3684PD1	Plant Disease Station	✓			✓	✓				✓		0			✓			
3684PAR1	Plant Growth Station	✓			✓	✓						1	✓	OPT	OPT	OPT	OPT	OPT
3688WD1	1650		✓		✓	✓				OPT	OPT	4	OPT	OPT	OPT	OPT	OPT	OPT
3687WD1	1525		✓		✓					OPT	OPT	4	OPT	OPT	OPT	OPT	OPT	OPT
3684WD1	1450		✓		✓	✓				OPT	OPT	2	OPT	OPT	OPT	OPT	OPT	OPT
3683WD1	1425		✓		✓					OPT	OPT	3	OPT	OPT	OPT	OPT	OPT	OPT
3685WD1	1400		✓		✓					OPT	OPT	4	OPT	OPT	OPT	OPT	OPT	OPT
3682WD1	1250		✓		✓	✓						0						
3681WD1	1225		✓		✓					OPT	OPT	1	OPT	OPT	OPT	OPT	OPT	
3680WD1	1200		✓							OPT	OPT	2	OPT	OPT	OPT	OPT	OPT	OPT
A-Series Loggers (economical datalogging units for 1-3 parameters - requires Item 3661A PC Connection Cable)																		
3611A	A160 Temp/RH/CO ₂	✓			✓	✓						0						+CO ₂
3612A	A150 Temp/RH	✓			✓	✓						0						
3610A	A130 Leaf Wetness/Temp	✓			✓	✓						0			✓			
3617ARS	A125 Soil/Air Temp Station	✓			✓							0		✓				
3617A	A125 Soil/Air Temp	✓			✓							0		✓				
3618A	A110 Temperature	✓			✓							0						
B-Series Button Loggers (compact data loggers for temperature and humidity - requires Item 3665K Docking Station)																		
3621WD	100 Temp/RH 8K				✓	✓						0						
3620WD	100 Temperature 8K				✓							0						
3619WD	100 Temperature 2K				✓							0						
Rain Loggers																		
3554WD1	1120 Data-Logging Rain Gauge									✓		0						
3635WD1	1115 Rain Logger		✓							OPT		1						
Mobile Sprayer Station (a compact unit providing on-the-go weather monitoring)																		
3349SSC		✓			✓	✓	✓	✓	✓			0						

WatchDog® Sensors and Accessories

REFERENCE:

✓ AVAILABLE ON MODEL
BLANK NOT AVAILABLE

		Weather Stations	2000 Mini Stations	1000 Series Micro Stations	Range / Resolution*	Accuracy*	
Soil Sensors	Sensors	Description			Range / Resolution*	Accuracy*	
	6470-6	WaterScout Soil Moisture/EC/Temp Sensor 6 ft (1.8 m)	✓***	✓***	✓	VWC: 0 to saturation (typically 50%) EC: 0 to 10 mS/cm	±3% ±2%
	6470-20	WaterScout Soil Moisture/EC/Temp Sensor 20 ft (6.1 m)	✓***	✓***	✓		
	6460	WaterScout Soil Moisture Sensor 6 ft (1.8 m)	✓**	✓**	✓	0 to saturation (typically 50%)	±3%
	6460-20	WaterScout Soil Moisture Sensor 20 ft (6.1 m)	✓**	✓**	✓	0 to saturation (typically 50%)	±3%
	6450WD	Watermark Soil Moisture Sensor 11 ft (3.3 m)	✓	✓	✓	0 to 200 centibars	
	6450WD20	Watermark Soil Moisture Sensor 25 ft (7.6 m)	✓	✓	✓	0 to 200 centibars	
	3669	Tensiometer Pressure Transducer	✓	✓	✓		±2%
	6450AH	Watermark Adapter	✓	✓	✓		
	6451	Irrigation On/Off Sensor	✓	✓	✓	On at 5psi	
	3667	External (Soil) Temperature Sensor 6 ft (1.8 m)	✓	✓	✓	S: -25 to 212°F (-32 to 100°C) M: -4 to 158°F (-20 to 70°C)	±1°F (±0.6°C) ±1°F (±0.6°C)
	3667-20	External (Soil) Temperature Sensor 20 ft (6.1 m)	✓	✓	✓		
	3667S	Temperature (Micro) Sensor	✓	✓	✓		
	3665R	Tipping Bucket Rain Collector	✓	✓	✓	0.01", 0.25 mm	±2% at <2 in (5 cm) per hour
3666	Leaf Wetness Sensor	✓	✓	✓	0 (dry) to 15 (wet)		
3671	Barometric Pressure Sensor	✓	✓	✓	26 to 32 inHg, 880-1080 hPa	±0.05 inHg, ±1.7 hPa	
3671M	Barometric Pressure Extended Range	✓	✓	✓	18.75 to 33.1 inHg, 635-1121 hPa	±0.057 inHg, ±1.9 hPa	
2655	CO ₂ Sensor	✓	✓	✓	0 to 4000 ppm	±5% or 50 ppm	
3612RHS	Replacement RH Sensor for Weather Stations	✓	✓	✓	10 to 100% at 5 - 50°C	±3% RH	
3612RHB	Replacement RH Sensor for Data Loggers				For original loggers only (400 & 200 Series)		
Light Sensors	3668I	Quantum Light Sensor	✓	✓	✓	S: 0 to 3000, M: 0 to 2500 $\mu\text{mol m}^{-2} \text{s}^{-1}$	±5%
	3668I3	3 Sensor Quantum Bar	✓	✓	✓	S: 0 to 3000, M: 0 to 2500 $\mu\text{mol m}^{-2} \text{s}^{-1}$	±5%
	3668I6	6 Sensor Quantum Bar	✓	✓	✓	S: 0 to 3000, M: 0 to 2500 $\mu\text{mol m}^{-2} \text{s}^{-1}$	±5%
	3676I	UV Light Sensor	✓	✓	✓	0 to 200 $\mu\text{mol m}^{-2} \text{s}^{-1}$	±5%
	3670I	Silicon Pyranometer Sensor	✓	✓	✓	S: 0 to 1500 W/m ² , M: 0 to 1250 W/m ²	±5%
	3673	Voltage Input Cable	✓	✓	✓	S: 0 to 3.0V, M: 0 to 2.54 V; 1mA	S: ±0.005 V, M: ±0.02 V
	3674	4-20mA Input Cable	✓	✓	✓	0 to 20.1 mA	±1%
	3664	Extension Cable 20 ft (6.1 m)	✓	✓	✓		
Connectivity							
3388BGU	GPRS Cellular Modem	✓	✓				
3388BC	CDMA Cellular Modem	✓	✓				
3388SI	Satellite Cellular Modem	✓	✓				
3393B	Mid Range Wireless Base Station	✓	✓				
3393W	Mid Range Wireless Remote Radio	✓	✓		Up to 2 Miles (3 Kilometers)		
3679WD1	WatchDog 1000/2000 Series Data Shuttle	✓	✓	✓****			
3661U	USB-to-3.5mm-Stereo-Plug Adapter	✓	✓	✓			
3661	9-Pin-Serial-to-3.5mm-Stereo-Plug Adapter	✓	✓	✓			
3661USB	USB-to-9-Pin-Serial Adapter	✓	✓	✓			
3365WD2	Short Range Wire Modem Pair	✓	✓				
3387WD96	Dial-up Modem	✓	✓				
Miscellaneous							
3654P	Spec 9 Pro Software	✓	✓	✓			
3654B	Spec 9 Basic Software		✓	✓			
3663A	Radiation Shield			✓			
3658A	Sliding Enclosure			✓			
3659WD1	Waterproof Enclosure			✓			
3396TP	Tripod Mount	✓	✓				
3672	Alarm Output Module	✓	✓				
3419	AutoDialer	✓	✓				

* S=Weather and Mini Stations, M=Micro Stations

** WatchDog Stations sold prior to 2009 must be upgraded for the WaterScout SM 100

*** WatchDog Stations sold prior to 2012 must be upgraded for the WaterScout SMEC 300

**** Item 3679WD1 Data Shuttles only