

# WatchDog® 2000 Series Mini Stations



## 2000 Series Mini Stations

Monitor microclimates with up to 4 external sensor ports. You can customize your WatchDog network, using different sensors based on the data you want to collect and analyze for optimal system performance.

- Same power, flexibility, and accuracy as the 2000 Series Weather Stations
- Measure temperature, humidity, quantum light, and more (varies by model)
- Customize your Mini Station with 1 to 4 plug-in sensors to meet your needs
- Custom measurement intervals
- Reliable NEMA-4 type IP 66 enclosure and weatherproof connectors
- 12-month battery power source (four AA alkaline batteries included)

## How do you access the data?

- 1. SpecConnect:** Wireless or Cellular Communication: Access real time data from your PC, tablet or smart phone
- 2. Direct Connect:** Download from the station to your PC. Requires SpecWare Basic or Pro
- 3. Data Shuttle:** Transport data from your station to your PC. Requires SpecWare Basic or Pro



### Model 2475 Plant Growth Station

- Ideal for greenhouses - includes sensors for quantum (PAR) light, air temperature, dew point, relative humidity, with 1 available external sensor port
- Computes and displays Daily Light Integral (DLI), dew point and degree days; live display of current light and cumulative light over the day
- Computes and displays DIF – Average day/night temperatures differences
- Computes and displays VPD – Vapor Pressure Deficit

**3686WD Model 2475**  
WatchDog® Weather Station

### Model 2450 Temperature/RH Station

- Measures air temperature, relative humidity, dew point, with 2 available external sensor ports
- Computes and displays dew point

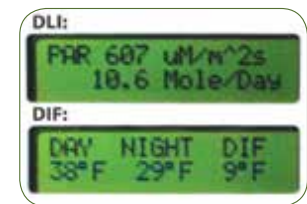
**3684WD Model 2450**  
WatchDog® Weather Station



### Model 2400 External Sensor Station

- Ideal where multiple sensor measurements are required for temperature, soil moisture, crop canopy light, or leaf wetness data
- Plug in up to 4 external sensors

**3685WD Model 2400**  
WatchDog® Weather Station



- Use the LCD display to check current and daily high/low readings without a PC

### Model 2425 Temperature Station

- Measures air temperature with 3 available external sensor ports
- Plug in up to 3 external sensors

**3683WD Model 2425**  
WatchDog® Weather Station

## WATCHDOG® 2000 SERIES MINI WEATHER STATION FEATURES

| Sensors   | 2475 | 2450 | 2425 | 2400 | Specifications                                  | Accuracy   |
|---|------|------|------|------|---|--|
| Air Temperature   | ✓    | ✓    | ✓    | OPT  | -40° to 257°F (-40° to 125°C)                   | ±0.54°F at -40° to 185°F(±0.3°C at -40° to 85°C) |
| Relative Humidity                                       | ✓    | ✓    |      |      | 0% to 100%                                      | ±2% at 32° to 176°F(0° to 80°C)                  |
| Dew Point   | ✓    | ✓    |      |      | -99° to 140°F (-73° to 60°C)                    | ±4°F (±2°C)                                      |
| Quantum Light (PAR)                                     | ✓    | OPT  | OPT  | OPT  | 0 to 2500 μmol·m <sup>-2</sup> ·s <sup>-1</sup> | ±5%  |
| External Sensor Ports                                   | 1    | 2    | 3    | 4    |   |  |
| Available ports for SMEC 300 Sensors                    | 1    | 2    | 3    | 4    |   |  |
| Operating temperature range: -22 to 130°F (-30 to 55°C) |      |      |      |      |   |  |