

# WH2081 Wireless Weather Station and Data Logger



## Measures and Records:

- ✓ Indoor and Outdoor Temperature
- ✓ Indoor and Outdoor Humidity
- ✓ Atmospheric or Relative Pressure
- ✓ Wind Speed and Direction
- ✓ Dew Point, Wind Chill and Rainfall

## Application:

- ✓ Home or office
- ✓ Sports and recreation
- ✓ Stage and outdoor events
- ✓ Shopping malls
- ✓ Light industrial use
- ✓ Farming and Agriculture

### Features:

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| <ul style="list-style-type: none"> <li>• USB port for easy connection to your PC</li> <li>• Rainfall data (inches or mm): hourly, daily, weekly, monthly and total since last reset</li> <li>• Wind chill and Dew point temperature display (°F or °C)</li> <li>• Records minimum and maximum wind chill and Dew point with time and date stamp</li> <li>• Wind speed (mph, m/s, km/h, knots, Beaufort)</li> <li>• Wind direction display with LCD compass</li> <li>• Wireless outdoor and indoor temperature (°F or °C)</li> <li>• Records minimum and maximum temperature with time and date stamp</li> <li>• Wall hanging or free standing</li> </ul> | <ul style="list-style-type: none"> <li>• Free PC software for transfer weather data to PC</li> <li>• 4,000 sets of weather data stored in memory with user adjustable interval</li> <li>• Forecast icons based on changing barometric pressure</li> <li>• Weather forecast tendency arrow</li> <li>• Barometric pressure (inHg or hPa) with 0.1hPa resolution</li> <li>• Wireless outdoor and indoor humidity (% RH)</li> <li>• Records minimum and maximum humidity with time and date stamp</li> <li>• Low power consumption (2 years battery life for transmitter)</li> <li>• 12 or 24-hour time display with alarm, Perpetual calendar, Time zone setting</li> </ul> |
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### Weather alarm modes for:

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| <ul style="list-style-type: none"> <li>a) Temperature</li> <li>b) Humidity</li> <li>c) Wind chill</li> <li>d) Dew point</li> </ul> | <ul style="list-style-type: none"> <li>a) Rainfall</li> <li>b) Wind speed</li> <li>c) Air pressure</li> <li>d) Storm warning</li> </ul> |
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### Specification:

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| <ul style="list-style-type: none"> <li>• Outdoor temperature range: -40.0°C to + 65.0°C</li> <li>• Indoor temperature range: 0°C to + 50.0°C</li> <li>• Wind speed: 0~160km/h (show OFL if outside range)</li> <li>• Power supply:             <ul style="list-style-type: none"> <li>a) Receiver: 3 x AA alkaline batteries</li> <li>b) Sensor WH7: 2 x AA alkaline batteries or solar panel</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Humidity range: 10% to 99% (1% resolution)</li> <li>• Barometric pressure range: 300~1100hPa</li> <li>• Rain volume: 0 - 9999mm (show OFL if outside range)</li> <li>• Transmission range up to 100m</li> <li>• Transmission frequency: 433MHz</li> <li>• Alarm buzzer duration : 120 seconds</li> </ul> |
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- Set includes:
- 1) Receiver base station with batteries, USB cable and software
  - 2) Four outdoor sensors: thermo-hygro transmitter, wind speed sensor, wind direction sensor and rain sensor
  - 3) Solar panel to power outdoor sensors

### Distributor:

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