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WH3081 Professional weather center with solar transmitter

433MHz, w/o RCC, Transmission range up to 100meter



Features:

1. Solar powered transmitter.

2. UV index (0-12).

3. Illuminance for local measurements.

4. USB port for easy connection to your PC.

5. All the weather data from the base station and up to 4080 sets of weather history data with user adjustable measuring intervals can be recorded and uploaded to your PC.

6. Free PC software for transfer of weather data to PC.

7. Rainfall data (inches or mm):1-hour, 24-hour, one week, one month and total since last reset.

8. Wind chill and Dew point temperature display (°F or °C)

9. All minimum and maximum values along with time and date of their recordings.

10. Wind speed (mph, m/s, km/h, knots, Beaufort).

11. Wind direction display with LCD compass.

12. Weather forecast tendency arrow.

13. Weather alarm modes for: temperature, humidity, wind chill, dew point, rainfall, wind speed, air pressure, storm warning.

14. Forecast icons based on changing barometric pressure.

15. Barometric pressure (inHg or hPa).

16. Indoor and outdoor temperature display in degrees Fahrenheit or Celsius.

17. Indoor and outdoor humidity display in degrees Fahrenheit or Celsius.

18. Receive and displays the radio controlled time and date (WWVB, DCF version available).

19. 12 or 24-hour time display.

20. Perpetual calendar.

21. Time zone setting.

22. Time alarm.

23. High light LED backlight.

24. Wall hanging or free standing.

25. Synchronized instant reception.

Specifications:

1. Indoor temperature range: 0°C to +50°C.

2. Outdoor temperature range: -40°C to 65°C.

3. Temperature accuracy: +/-1.0°C.

4. Humidity range: 1% -99%RH.

5. Humidity accuracy: +/- 5% under -20°C to 65°C& 20%-98%.

6. Wind speed range: 0-50.0 m/s.

7. Wind speed accuracy: +/-1 m/s(wind speed <10m/s) +/-10%(wind speed >10m/s).

8. Rain range: 0 to 9,999mm.

9. Rain accuracy: +/-1.5mm.

10. Illuminance range: 0-400,000Lux.

11. Accuracy: +/-10%.

Power consumption:

1. Base station: 3AA 1.5V LR6 Alkaline battery.

6V DC adaptor (option)

2. Base life: Minimum 12 months.

3. Transmitter: 2xAA 1.5V Rechargeable battery.

4. Battery life: Minimum 36 months.

Dimensions (HxWxD):

1. Base station: 165x148x27mm.

Packing:

1. Standard package: paper box
2. Carton Qty/Dimension: Units: 4 DIMS: 450x600x420mm GW/NW:10/9kgs
3. Unit Dimension: 400x140x370mm