

## WTH600-KIT Wireless Weather Station Kit



Extech's Weather Station helps you plan your day-to-day outdoor activities that may be affected by weather conditions including businesses involved with construction, agriculture, and recreation. The WTH600-KIT includes an indoor Wireless Base Station with a large LCD displaying indoor Temperature, Humidity, and outdoor weather conditions, plus date and time. It also comes with an outdoor Wireless Transmitter with 5 built-in sensors, including a self-emptying rain collector for measuring rainfall, wind cups for wind speed, wind vane for wind direction, and temperature and humidity sensors. It sends data by a low power radio frequency to the Base Station up to 450ft (150m) away. The kit comes assembled for easy installation.



### Indoor Base Station Features

- Weather Forecast displays Sunny, Partially Cloudy, Cloudy, Rainy, Stormy, or Snowy condition
- Barometric pressure in Relative or Absolute readings
- Displays Rain Rate, Daily, Weekly, Monthly and Total Rainfall measurement (in inches or millimeters)
- Historical bar chart display for rainfall (past 5 days) or pressure changes (1, 3, 6, 12, 24 hours)
- Measures Indoor Temperature and Humidity and indicates comfort level and dew-point
- Max/Min readings with time-date stamps
- Hourly records for the past 24 hours
- Hi/Lo alert setting (indoor & outdoor temperature, wind-speed, and rainfall)
- Flashing Amber LED indicator for Hi/Lo Alert warning
- Amber LED backlight
  - Low battery indicator for sensor and main unit
  - Signal strength indication for sensor
- Clock display with date and weekday (5 languages : EN / DE / FR / IT/ ES)
- Clock alarm function and Ice-Alert

### Outdoor Transmitter Features

- Outdoor weatherproof (IP67) transmitter with 5 built-in sensors measuring Wind Speed, Wind Direction, Rainfall, Temperature, and Humidity
- Long-range transmission up to 450ft (150m) between Outdoor Wireless Transmitter and Indoor Base Station
- Measures Gust or Average Wind Speed in (mph, m/s, km/h, knots)

### WTH600-KIT Features

- Operates at 915MHz; FCC approved
- Completes with one Base Station with 3 AA batteries and one Transmitter with 3 AA batteries

*NOTE: This product operates at 915MHz for North America only*

### Ordering

WTH600-KIT ..... Wireless Weather Station Kit (one each - Base Station and Transmitter)

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UPC Code: 7939504416003

| Wireless Indoor Base Station Specifications | Range                                                                                                                          | Max Resolution  | Basic Accuracy                      |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|
| Temperature                                 | -40 to 158°F (-40 to 70°C)                                                                                                     | 0.1°            | ±2°F (±1°C)                         |
| Relative Humidity                           | 20 to 90%RH                                                                                                                    | 1%RH            | ±5%RH                               |
| Barometer                                   | 15.95 to 32.48 inHg                                                                                                            | 0.01 inHg       | ±0.12 inHg                          |
|                                             | 405 to 825 mmHg                                                                                                                | 0.1 mmHg        | ±3 mmHg                             |
|                                             | 540 to 1100 hPa                                                                                                                | 1hPa            | ±4 hPa                              |
| Dew Point (Calculated)                      | -40 to 158°F (-40 to 70°C)                                                                                                     | 0.1°            |                                     |
| Weather forecast                            | Sunny / Clear, slightly Cloudy, Cloudy, Rainy, Rainy / Stormy and Snowy                                                        |                 |                                     |
| Radio Controlled Atomic Clock               |                                                                                                                                |                 |                                     |
| Synchronization                             | Auto or disabled                                                                                                               |                 |                                     |
| Clock display                               | HH:MM:SS / Weekday                                                                                                             |                 |                                     |
| Hour format                                 | 12hr AM/PM or 24hr                                                                                                             |                 |                                     |
| Calendar                                    | MM/DD                                                                                                                          |                 |                                     |
| Languages (weekday)                         | EN, FR, DE, ES, IT                                                                                                             |                 |                                     |
| Time signal                                 | WWVB                                                                                                                           |                 |                                     |
| Time zones                                  | PST, MST, CST, EST, AST, NST                                                                                                   |                 |                                     |
| DST (daylight savings)                      | AUTO / OFF                                                                                                                     |                 |                                     |
| Frequency                                   | 915 MHz (North American)                                                                                                       |                 |                                     |
| Wireless Outdoor Transmitter Specifications | Range                                                                                                                          | Max Resolution  | Basic Accuracy                      |
| Temperature                                 | -40 to 176°F (-40 to 80°C)                                                                                                     | 0.1°            | ±1.0°F (±0.5°C)                     |
| Relative Humidity                           | 1 to 99%RH                                                                                                                     | 1%RH            | ±3%RH                               |
| Wind Speed                                  |                                                                                                                                |                 |                                     |
| m/s (meters per second)                     | 0 to 50m/s                                                                                                                     | 0.1m/s          | ±6%                                 |
| km/h (kilometers per hour)                  | 0 to 180km/h                                                                                                                   | 0.1km/h         | ±6%                                 |
| MPH (miles per hour)                        | 0 to 112MPH                                                                                                                    | 0.1MPH          | ±6%                                 |
| knots (nautical miles per hour)             | 0 to 97 knots                                                                                                                  | 0.1knots        | ±6%                                 |
| Wind Direction                              | 16 points                                                                                                                      |                 |                                     |
| Weather Index                               |                                                                                                                                |                 |                                     |
| Wind Chill                                  | -40~158°F (-40~70°C)                                                                                                           | 0.1°            | ±1°F (±2°C)                         |
| Heat Index                                  | 78.8~122°F (26~50°C)                                                                                                           | 0.1°            |                                     |
| Rain Gauge                                  | 0 to 393.7" (0 to 9999mm)                                                                                                      | 0.0157" (0.4mm) | ±7% or 1 tip (whichever is greater) |
| Dimensions                                  | Indoor Base Station: 4.7 x 7.5 x 0.9" (120 x 190 x 22 mm);<br>Outdoor Transmitter: 13.5 x 15.5 x 5.5" (343.5 x 393.5 x 136 mm) |                 |                                     |
| Weight                                      | Indoor Base Station: 13.1 oz. (370g) with batteries; Outdoor Transmitter: 23.7 oz. (673g) with batteries                       |                 |                                     |



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Электрон  
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