

WTH600-E-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-E-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 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 150m between Outdoor Wireless Transmitter and Indoor Base Station
- Measures Gust or Average Wind Speed in (m/s, km/h, mph, knots)

WTH600-E-KIT Features

- Clock Mode operates at 868 MHz frequency for EU and UK regions (all other countries, user can manually set the clock mode)
- Comes with one Base Station with 3 AA batteries and one Transmitter with 3 AA batteries

Ordering

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

NOTE: For Radio Controlled Clock feature, this product operates at 868 MHz compatible for EU & UK regions.

All other regions, user can manually set the clock mode.



UPC Code: 793950446010

Wireless Indoor Base Station Specifications	Range	Max Resolution	Basic Accuracy
Temperature	-40 to 70°C (-40 to 158°F)	0.1°	±1°C (±2°F)
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 70°C (-40 to 158°F)	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	DCF (can be disabled)		
Time zones	PST, MST, CST, EST, AST, NST		
DST (daylight savings)	AUTO / OFF		
Frequency	868 MHz (EU/UK) for Clock Mode		
Wireless Outdoor Transmitter Specifications	Range	Max Resolution	Basic Accuracy
Temperature	-40 to 80°C (-40 to 176°F)	0.1°	±0.5°C (±1.0°F)
Relative Humidity	1 to 99%RH	1%RH	±3%RH
Wind Speed			
m/s (meters per second)	0 to 50 m/s	0.1 m/s	±6%
km/h (kilometers per hour)	0 to 180 km/h	0.1 km/h	±6%
MPH (miles per hour)	0 to 112 MPH	0.1 MPH	±6%
knots (nautical miles per hour)	0 to 97 knots	0.1 knots	±6%
Wind Direction	16 points		
Weather Index			
Wind Chill	-40 to 70°C (-40 to 158°F)	0.1°	±2°C (±1°F)
Heat Index	26 to 50°C (78.8 to 122°F)	0.1°	
Rain Gauge	0 to 9999mm (0 to 393.7")	0.4mm (0.0157")	±7% or 1 tip (whichever is greater)
Dimensions	Indoor Base Station: 120 x 190 x 22 mm (4.7 x 7.5 x 0.9"); Outdoor Transmitter: 343.5 x 393.5 x 136 mm (13.5 x 15.5 x 5.5")		
Weight	Indoor Base Station: 370 g (13.1 oz.) with batteries; Outdoor Transmitter: 673 g (23.7 oz.) with batteries		