

WIFI weather station of smart

Model:EM3371

Technical Data and Features

Base station:

- Perpetual Calendar Up to Year 2099
- Day of week in 7 languages user selectable: English, German, Italian, French, Spanish, Netherlands and Danish
- Time in optional 12/24 hour format
- Automatic calibration of network time service
- The moon phase display
- Barometric pressure:
 - Barometric pressure measurement ranges: 600 hPa/mb to 1100 hPa/mb
 - 17.72 inHg to 32.50 inHg
 - 450.1mmHg to 825.2mmHg
- Pressure alternatively in hPa/mb or inHg or mmHg
- Indoor humidity measurable range: 20%RH to 95%RH
- Indoor temperature:
 - Temperature measurement ranges: -20°C to 60°C
 - 4°F to 140°F
 - Temperature alternatively in °C or °F.
- Minimum/maximum display for humidity and temperature
- The weather forecasting function (according to the change of air pressure)
- Connects directly to wifi network
- Power Supply:
 - Battery: 2 x LR6 AA and mains adapter DC5V 1A

Wireless Outdoor Sensor:

- Outdoor temperature measurement ranges: -40°C (-4°F) ~ 70°C (158°F)
- Outdoor measurable range: 20%RH to 95%RH
- Data transmission frequency: 433 MHz
- Wireless range: max. 80 m (open area)
- Batteries: 2 x LR03 (UM-3), 1.5 V (size AA)
- Protection class: IPX4

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Base station Appearance:

Part A-Positive LCD

A1: Weather Forecasting
A2: Barometric pressure
A3: Outdoor Temperature
A4: Indoor Temperature
A5: Outdoor Humidity
A6: Indoor Humidity
A7: Time/Calendar / Week
A8: Moon Phase

Part B – Back button and power

B1: Keypad
B2: Battery compartment
B3: Support frame
B4: Power supply socket
B5: Mains adapter

Part C – Wireless Outdoor Sensor:

C1-LCD display – Temperature
C2- LCD display – Humidity
C3- Transmit signal LED
C4- "C/F" button
C5- "TX"
C6- Channel selector switch
C7- Battery compartment

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FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Initial operation:

- Replace Wireless Outdoor Sensor battery compartment cover . Push the Channel selector switch in the battery compartment of the Wireless Outdoor Sensor, the correct channel . Insert 2 x AA batteries observing polarity (+ and - marks).
- When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds, the Wireless Outdoor Sensor began to switch to the normal working mode, to detect the temperature and humidity in the environment. At this time, the sensor will transmit 1 wireless signals, and the interval of about 1 minutes will automatically transmit the 1 wireless signal, each transmitted 1 wireless signal emission sensor indicator will flash 1 times.
- According to the appearance of the Base Station icon shows that the power adapter is inserted into the socket on the Base Station, and the power adapter is connected to the power supply. After you pass on the power supply, all the symbols on the display screen will be displayed after about 3 seconds, the base station began to switch to the normal working mode, to detect the temperature, humidity and air pressure in the environment .
- The Base Station will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing red RF antenna symbol in the "OUTDOOR" display area on the receiver, the "OUTDOOR" display area will show the status of the RF antenna symbol, indicating the base station is searching for the signal from the outdoor sensor. At the same time the base station began to establish WiFi connections (details see the following WiFi connection description)
- When the Base Station starts normal . Open the Base Station battery compartment cover . Insert 2 x AA batteries observing polarity (+ and - marks). The battery is a backup power supply of the Base Station, which can ensure the normal operation of the base station after the power adapter is unexpectedly cut off.
- Note: after the power adapter is disconnected, the WiFi connection of the base station will be automatically disconnected.

Outdoor sensor transmission:

- When the Base Station successfully receives signals from the wireless sensor, the temperature and humidity of the OUTDOOR are displayed on the OUTDOOR column of the Base Station.
- The base station can connect up to 3 channel wireless sensor registration, the use of multiple wireless sensor, the wireless sensor channel can not choose the same channel at the same time is total of 1, 2, 3 channel can choose
- Press the "DOWN" key can switch the display of different channels of outdoor temperature and humidity, when displaying the symbol will display the channel every 5 seconds automatically switch a channel!
- If the Base Station failed to receive transmission from outdoor sensor display on the LCD, press and hold "DOWN" button for 3 seconds to receive transmission manually, the outdoor temperature will show an animation of the RF antenna symbol , the Base Station will receive the wireless signal of the outdoor sensor.

DOWNLOAD APP:

Hardware Requirements:

iPhone 4s (or above) enabled smart device

back size: 500*182mm

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Software Requirements

- iOS 7.0 (above) or Android 4.3 (or above)

Download APP (Living Sense)

- Connect the APP to search "LIVINGSENSE" with the following device
- iPhone4S and later
- iPad(3rd generation and later)
- iPad mini (all generations)

Download Android APP application software URL:

Through the WiFi connection network

- Mobile phone to open WiFi point, to ensure that the phone and wireless router link normal . Open downloaded completed application "LIVINGSENSE" . Click on the app's "PAIR", enter the base station and WiFi pairing process .
- After the pairing is successful, the application will switch to the weather display interface, prompt "restart weather station device please"
- Now press the "AP" button on the back side of the base station for 3 seconds until the base station does not display "AP".
- According to the phone screen prompts, press and hold buttons located on the back side of Base station for 3 seconds until "AP" flashed on the display. Now go back to App and press "Next" to continue the setting
- According to the phone screen prompts, go to settings chooses "LivingSmart" and then go back to "LivingSense" to complete the setting. Now press the "Next" after the prompt "connecting being" wait for the prompt pairing success.
- After pairing is successful, the application will switch to the weather display interface, prompt "restart weather station device please"
- Now press the "AP" button on the back side of the base station for 3 seconds until the base station does not display "AP".
- Exit "AP" display, the Base Station will automatically establish a connection with the router, the establishment of the process, the symbol flashing, the symbol is not flashing, the base station and the router to complete the connection. The base station starts to transmit the data with the server, when the transmission is normal, the symbol " " will gradually display into 4 columns, and the server will automatically calibrate the base station time, at present the correct time display.
- Manual time setting:**

 - Press "MODE" button until the display calendar or time(second or time week)
 - Press and hold down the "MODE" button for 2 seconds, the 12/24 hour mode display starts to flash. Now use "UP" and "DOWN" buttons to set the correct 12/24 hour mode
 - Press "MODE" to confirm your setting, the Time zones start to flash, Now use "UP" and "DOWN" buttons to set a correct time zone (-12 to +12)
 - Press "MODE" to confirm your setting, the Hour display starts to flash. Now use "UP" and "DOWN" buttons to set the correct hour
 - Press "MODE" to confirm your setting, the Minute displays starts to flash. Now use "UP" and "DOWN" buttons to set the correct minute.
 - Press "MODE" to confirm your setting, the Month and Date icon display starts to flash. Now use "UP" and "DOWN" buttons to set the date display on Month/Date or Date/Month.
 - Press "MODE" to confirm your setting, the Year display 2016 starts to flash. Now use "UP" and "DOWN"

Displaying temperature/humidity/ barometric pressure and temperature/humidity trend

 - The current indoor temperature/humidity/barometric pressure and the temperature/humidity (indoors) are shown in the LCD display.
 - After successfully connecting with the outdoor sensor, the weather station can display the outdoor temperature/humidity and the temperature/humidity trend (outdoor)
 - You may see the following displays:
 - The temperature/humidity is rising.
 - The temperature/humidity is remaining constant.

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buttons to set the correct year.

Press "MODE" button to confirm your setting, the Month display starts to flash. Now use "UP" and "DOWN" buttons to set the correct month.

Press "MODE" button to confirm your setting, the Date display starts to flash. Now use "UP" and "DOWN" buttons to set the correct date.

Press "MODE" button to confirm your setting, the language selection for the Weekday displays starts to flash. Now use "UP" and "DOWN" buttons to select a language.

Once to set the correct year.

To toggle indoor/outdoor maximum, minimum temperature and humidity values, press the "MEMORY" button:

- Twice to show the minimum temperature and humidity values
- Three times to return to the current temperature and humidity levels
- To reset the maximum and minimum temperature and humidity, press and hold down the "MEMORY" button about 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values.

FYI:

- If the temperature reading is below ranges, the will be displayed. If the temperature reading is above ranges, the will be displayed.
- If the battery symbol appears the batteries in the outdoor sensor should be replaced as soon as possible.

Frost ice tips

- When the outdoor temperature is in the range of -1°C~3°C or <30°F to +37°F, the symbol flash display

The weather forecast:

- The weather station calculates a weather forecast for about the next 12 hours based on the barometric pressure trend. Of course this forecast can't compare to that of professional weather services supported by satellites and high performance computers, but merely provides an approximate indication of current developments. Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your device and from the local weather forecasting service, please take the advice of the latter as authoritative.

APP setting

Background lighting

- Press the "UP" button to adjust the brightness of the backlight, you can adjust the 4 state: 3 different brightness backlight and close the backlight

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The temperature/humidity is falling.

Maximum/Minimum Temperature/Relative Humidity

Temperature – Highest and lowest temperature in the day

Humidity – Highest and lowest humidity in the day

Calendar and location – Today weather

Atmosphere – Weather forecast data came from Yahoo

Temperature and humidity for each channel – Target temperature and humidity alarm setting for each channel

Frost ice tips

Temperature – Last update time

Humidity – Target temperature and humidity alarm setting

Atmosphere – Weather forecast data came from Yahoo

Temperature and humidity for each channel – Target temperature and humidity alarm setting for each channel

APP setting

Background lighting

- Press the refresh icon can refresh current data to the latest one.
- Press this area can see temperature, humidity, atmosphere history data chart.
- Press each bell icon can set larger alert temperature and humidity.

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