

# SENCOR®

## SWS 16600



**USER MANUAL**

**UŽIVATELSKÁ PŘÍRUČKA**

**NÁVOD NA OBSLUHU**

**HASZNÁLATI ÚTMUTATÓ**

**INSTRUKCJA OBSŁUGI**

\*Smart phone not included

\*Chytrý telefon není součástí příslušenství

\*Smartfón nie je súčasťou príslušenstva

\*Az okostelefon nem tartozék

\*Smartfon nie stanowi elementu akcesoriów

**TUYA SMART WEATHER STATION WITH 7-IN-1  
PROFESSIONAL SENSOR & HYGRO-THERMO SENSOR**

**CHYTRÁ METEOROLOGICKÁ STANICE TUYA  
S PROFESIONÁLNÍM SNÍMAČEM 7-V-1 A SNÍMAČEM  
VLHKOSTI A TEPLoty**

**INTELENTNÁ METEOROLOGICKÁ STANICA TUYA  
S PROFESIONÁLNYM SNÍMAČOM 7-V-1 A SNÍMAČOM  
VLHKOSTI A TEPLoty**

**TUYA OKOS METEOROLÓGIAI ÁLLOMÁS  
PROFESSZIONÁLIS 7 AZ 1-BEN ÉRZÉKELŐVEL ÉS  
PÁRATARTALOM- ÉS HÖMÉRSÉKLET-ÉRZÉKELŐVEL**

**INTELENTNA STACJA METEOROLOGICZNA  
Z PROFESJONALNYM CZUJNIKIEM 7W1 I CZUJNIKIEM  
TEMPERATURY I WILGOTNOŚCI**

**EN CZ SK HU PL**

# OBSAH

INSTALLING THE SENCOR HOME APP . . . . .	1
ADD THE SWS 16600 WIFI SH TO THE SENCOR HOME APP . . . . .	1
RESETTING THE SWS 16600 WIFI SH . . . . .	3
BASIC DESCRIPTION OF THE APPLICATION. . . . .	3
AUTOMATIC CONNECTION TO OTHER DEVICES WITH THE SMART LIFE APP . . . . .	5
ADDITIONAL FEATURES IN SENCOR HOME AND SMART LIFE . . . . .	6
FOR WEATHERCLOUD (WC) . . . . .	9
VIEW LIVE WUNDERGROUND AND WEATHERCLOUD DATA. . . . .	.11
VIEW YOUR WEATHER DATA IN WEATHERCLOUD . . . . .	.12
FIRMWARE UPDATES . . . . .	.12

# INSTALLING THE SENCOR HOME APP

The SENCOR HOME and TUYA SMART apps are available for download on the Play Store (Android) and AppStore (iOS).



QR code to download the SENCOR HOME app




QR code to download the TUYA SMART LIFE app

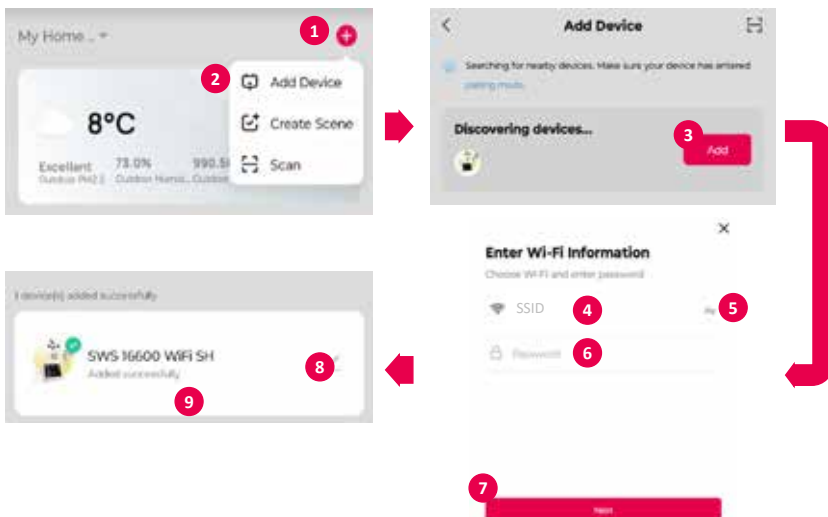
## Add the SWS 16600 WiFi SH to the SENCOR HOME app

The SWS 16600 WiFi SH will be found in the app automatically:

### 1. Put the SWS 16600 WiFi SH into operational mode

- 1) Plug the SWS 16600 WiFi SH into a network outlet.
- 2) Press and hold the [SENSOR/WI-FI] button on the back of the SWS 16600 WiFi SH for 8 seconds. The AP and  icon will start flashing on the display. When the device is plugged into a network outlet for the first time, AP mode starts automatically.

### 2. Launch the already installed SENCOR HOME app and follow the instructions below:



1	Press the “+” button to expand the menu.
2	Add a new device – the app will try to find all available compatible SENCOR devices nearby. Select the SWS 16600 WiFi SH device you want to pair with the application.
3	Press the “Add” button.
4	To add a WI-FI network to the SWS 16600 WiFi SH, your mobile phone must be connected to the WI-FI network* during the setup process, which will be transferred to the SWS 16600 WiFi SH.
5	Press the ⇐ icon to go to your smartphone's system to select from the available WI-FI networks*. The WI-FI network you have selected will then be displayed in point “4”.
6	Enter the password of your home WI-FI network to which the SWS 16600 WiFi SH will be connected. Press the 👁 button to display your WI-FI network password.
7	Check that the entered WI-FI data is correct and press the “Next” button.
8	Button to change the name of the SWS 16600 WiFi SH device.
9	The SWS 16600 WiFi SH has been successfully added to the “SENCOR HOME” app.

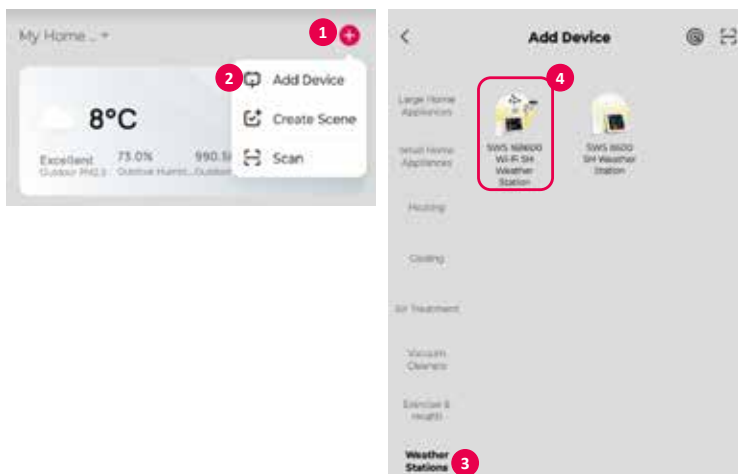
\* always choose WI-FI networks that operate at 2.4 GHz.

## B) Manually add the SWS 16600 WiFi SH to the SENCOR HOME app:

### 1. Put the SWS 16600 WiFi SH into operating mode

- 1) Plug the SWS 16600 WiFi SH into a network outlet.
- 2) Press and hold the [SENSOR/WI-FI] button on the back of the SWS 16600 WiFi SH for 8 seconds. The AP and 📶 icon will start flashing on the display. When the device is plugged into a network outlet for the first time, AP mode starts automatically.

### 2. Launch the already installed SENCOR HOME app and follow the instructions below:



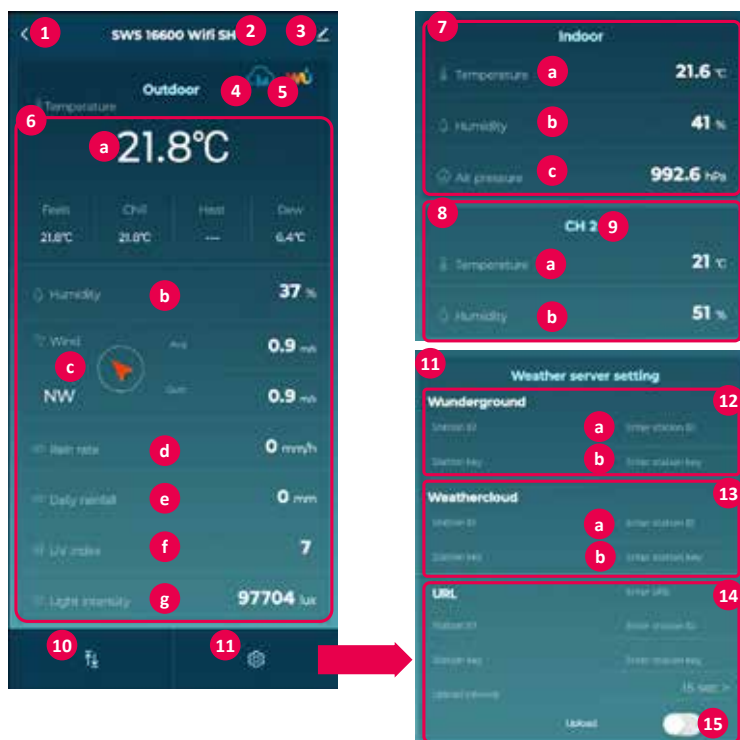
1	Press the “+” button to expand the menu.
2	Add a new device “Add device”.
3	Select the “Weather stations” group.
4	Select the device “SWS 16600 WiFi SH” and follow the steps in the connection wizard.

## Resetting the SWS 16600 WiFi SH

If the device was previously connected to the SENCOR HOME app, it cannot be added again to another SENCOR HOME user account. Reset pairing with the SENCOR HOME app is required.

**RESET** is performed in the on state by pressing and holding the “RESET” button on the back of the SWS 16600 WiFi SH. Successful reset will be announced by an audible tone.

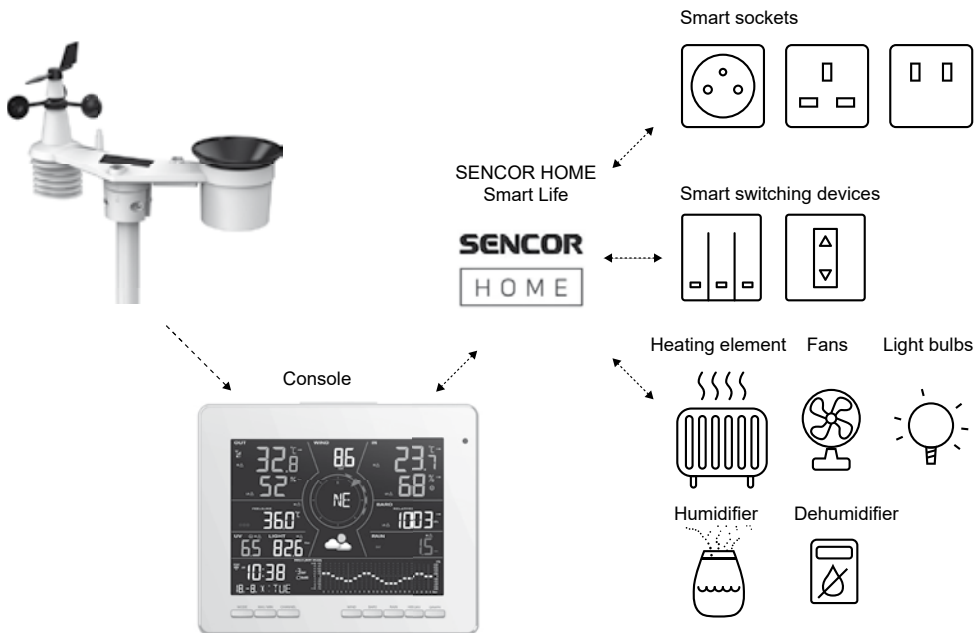
## Basic Description of the Application



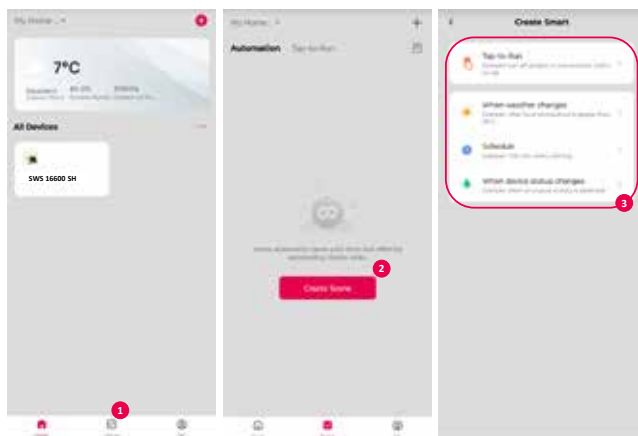
1	“BACK” button – go to the main screen.
2	SWS 16600 WiFi SH device name.
3	Advanced menu – Device information, sharing a device to another account, updating a device, <b>REMOVING A DEVICE FROM THE ACCOUNT.</b>
4	Quick dial button to <b>app.weathercloud.net</b> cloud
5	Quick dial button to <b>wunderground.com</b> cloud
6	Display of measured values from the outdoor 7-in-1 unit.
a	Temperature.
4	Display of measured values from the internal unit. Hold down the field to go to the chart view.
a	Temperature.
b	Humidity.
c	Wind (direction and speed).
d	Rainfall.
e	Daily rainfall.
f	UV index.
g	Light intensity.
7	Display of measured values from the internal unit.
a	Temperature.
b	Humidity.
c	Pressure.
8	Display of measured values from the additional 7-in-1 sensor.
9	Set sensor communication channel.
a	Temperature.
b	Humidity.
10	List of measured values from all sensors in one complete list.
11	Settings – settings for display units, cloud server settings.
12	Inserting the parameters generated by the Wunderground cloud.
a	Enter the station ID generated by the Wunderground cloud.
b	Insert the station key generated by the Wunderground cloud ( <b>OBSERVE THE CHARACTER SIZE</b> ).
13	Inserting the parameters generated by the Weathercloud cloud.
a	Enter the station ID generated by the Weathercloud cloud.
b	Insert the station key generated by the Weathercloud cloud ( <b>OBSERVE THE CHARACTER SIZE</b> ).
14	Option to insert parameters of the server you are running.
15	Slide switch to synchronize embedded data with clouds. A green state indicates that synchronization is enabled – the measured data will be written to the clouds.

## Automatic connection to other devices with the Smart Life app

7in1 wireless sensor



## IoT applications

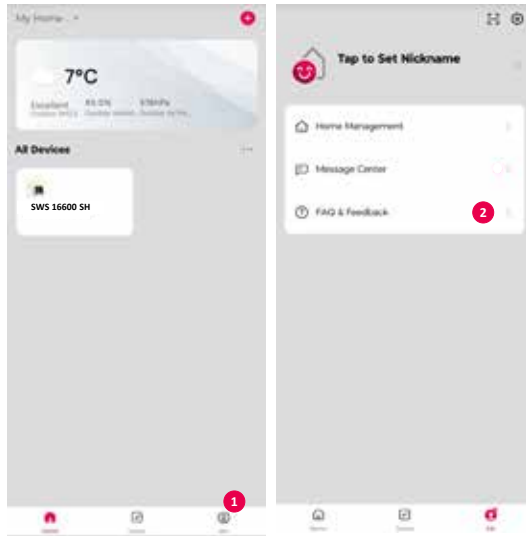


1	2	3
Tap the "☑ Scene" icon on the home screen and follow the instructions to set the condition and task.	Tap the "+" or "Create Scene" icon.	Click on one of the labels below to set different trigger conditions.

**NOTE:**

- Any tasks required or performed by third party devices are the decision and risk of the user.
- Please be aware that we make no warranty regarding the correctness, accuracy, timeliness, reliability or completeness of IoT applications.

**Additional features in SENCOR HOME and Smart Life**



1	Press the “Me” button.
2	Select FAQ and feedback.

**Create a weather server account and add your station**

This console allows you to upload weather data to Weather Underground, Weathercloud or a third-party cloud server via a Wi-Fi router. You can set up your device by following the steps below.

**NOTE:**

*The addition of a cloud server website and application is subject to change without notice.*

**For Weather Underground (WU)**

1. On <https://www.wunderground.com>, click “Join” in the top righthand corner to open the registration page. Follow the instructions to create an account.





2. Once you have created your account and completed email verification, please return to the WUnderground website and log in. Then click on “My Profile” at the top to open the drop-down menu and click on “My Devices”.



3. At the bottom of the “My Weather Station” page, click the “Add New Device” button to add your device.



4. In the “Select a Device Type” step, select “Other” from the list, and then press the “Next” button.



- In the “Set Device Name & Location” step, select your location on the map and then press the “Next” button.

**Add a New PWS**

TYPE LOCATION DETAILS DONE

Set Device Name & Location

50%

Device Location

Address:

Your Location has been verified and added

Elevation: 367 m  
 Lat: 49° 59' 27.00" N  
 Neighborhood: Prague  
 Time Zone: Europe/Prague

- Following the instructions for entering your station information, in the “Tell Us More About Your Device” step, (1) enter the name of your weather station, etc. (2) select “other”, (3) select “**I Accept**” to accept Weather Underground’s privacy policy, and (4) click “**Next**” to create your station ID and key.

**Add a New PWS**

TYPE LOCATION DETAILS DONE

Tell Us More About Your Device

75%

Name *(Required, name is created)*

Device ID *(Required)*

Device Hardware *(Required)*

Barface Type

Height Above Ground

**You Make Our Forecasts More Accurate. We Respect Your Privacy**

Contribute to the Weather Underground community by sharing more information about yourself and your sensor. We use this information to strengthen your account and to improve the experience from the Weather Underground community. We may also share certain data for commercial purposes, such as your sensor location.

Learn more about how we take your privacy seriously

I Accept  I Deny

We won't email the privacy for your device

Final Performance

I would like to receive PWS notifications

7. Take a note of your “Station ID” and “Station key” for the next setup step.

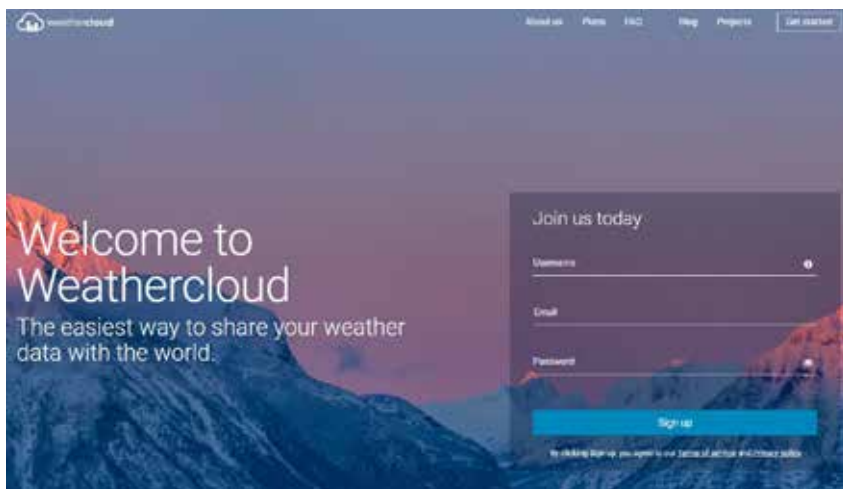


8. The basic description of the application (point 12 a/b) shows the location for inserting the generated ID and key. After entering the correct characters and digits and then enabling synchronization (point 15), the values are automatically sent to the WUnderground cloud.

**Warning:** when inserting characters, please keep the format as generated. Keep to the letter size.

### For Weathercloud (WC)

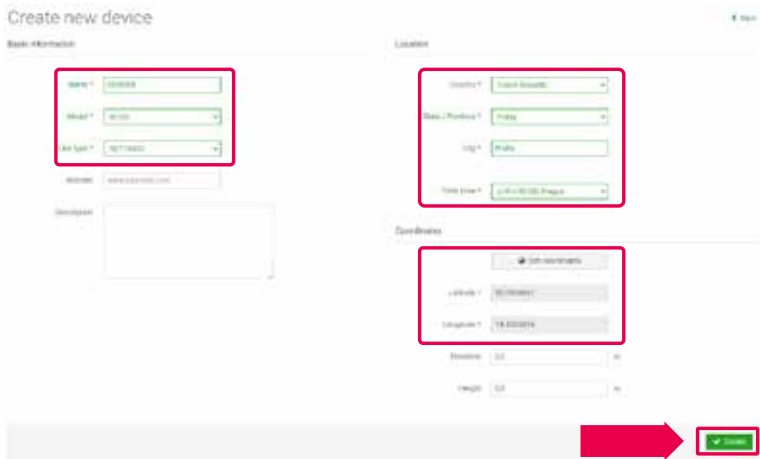
1. At <https://weathercloud.net>, enter your information in the “Join us today” section and then follow the instructions to create your account.



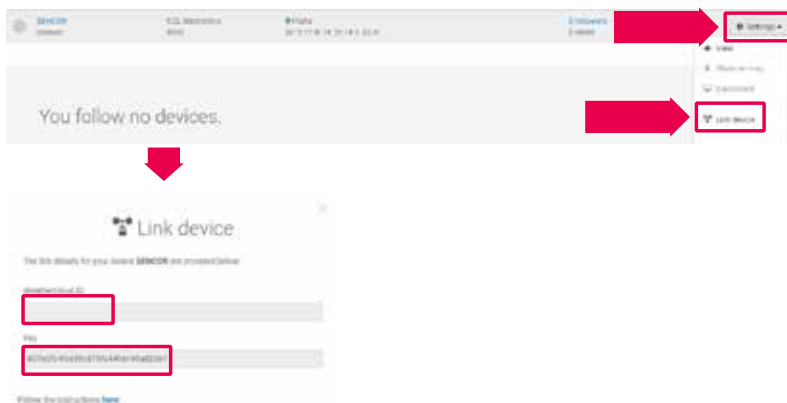
2. Log in to Weathercloud and then go to the “Devices” page, “Create device” and then go to “+ New” to create a new device.



3. On the **Create new device** page, enter all information, select “**W100 Series**” in the **Model\*** selection box under “**CCL**”. In the Link type\* selection box, select “**SETTINGS**”. When you are finished, click **Create**.



4. Make a note of your ID and key for the next setup step.



5. The basic description of the application (point 13 a/b) shows the location for inserting the generated ID and key. After entering the correct characters and digits and then enabling synchronization (point 15), the values are automatically sent to the Weathercloud cloud.

**Warning:** when inserting characters, please keep the format as generated. Keep to the letter size.

## View live Wunderground and Weathercloud data

### View your weather data in Wunderground

Log in to your account.

To show your weather station's live data in a web browser (PC or mobile version), please visit <http://www.wunderground.com> and enter your "Station ID" in the search field. Your meteorological data will be shown on the next page. You can also log in to your account to view and download your weather station's recorded data.





Another way to display your station's data is entering the following address in the web browser's URL bar:

**<https://www.wunderground.com/dashboard/pws/XXXX>**

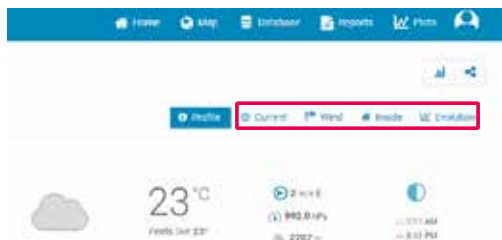
In place of XXXX, enter your station's Weather Underground ID to directly access the live view of your station's data.

## View your weather data in Weathercloud

1. To show your weather station's live data in a web browser (PC or mobile version), please visit <https://weathercloud.net> and log in to your account.
2. Click on the icon  inside the drop-down menu  of your station.



3. Click on "Current", "Wind", "Evolution" or "Inside" to show your weather station's live data.



## Firmware updates

The console can be updated over a Wi-Fi network. If new firmware is available, a notification or pop-up message will appear when you open the app on your phone. Update using the instructions in the app.

During the update process, the progress status in percentage will be displayed in the middle of the screen.

When the update is complete, the console screen will restart and return to normal mode.

**Please ignore the application update error message** if the console can restart and displays a normal screen after the update process is complete.



**IMPORTANT NOTES:**

- *Please do not disconnect power during the update process.*
- *Please ensure that your console's Wi-Fi connection is stable.*
- *Once the update process has started, do not use the console until the update is complete.*
- *Settings and data could be lost during the update.*
- *During a firmware update, the console stops uploading data to the cloud server. After a successful firmware update, it reconnects to your Wi-Fi router and uploads the data. If the console cannot connect to your router, please open the **SETUP** page and redo the settings.*
- *The firmware update process is a potential risk and therefore we cannot guarantee 100% success. If the update fails, please do it again using the step above.*
- *If the firmware update fails, press and hold the [▽] and [△] buttons simultaneously for 10 seconds to return to the original version, and then perform the update procedure again.*

**Reset and hard reset to factory settings**

To reset the console and turn it back on, press the [ **RESET** ] button once or remove the backup battery and then disconnect the adapter. To restore the factory settings and erase all data, press and hold the [ **RESET** ] button for 6 seconds.

## **INSTRUCTIONS AND INFORMATION ON DISPOSAL OF USED PACKAGING MATERIAL**

Dispose of used packaging material at the location designated by the municipality for waste disposal.

## **DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT**



This symbol on products or original documents means that used electric or electronic products must not be added to ordinary municipal waste. For proper disposal and recycling of these products, deliver them to designated collection points. Alternatively, in some European Union states or other European countries the products can be returned to the local retailer when buying an equivalent new product. By properly disposing of this product, you help preserve valuable natural resources and contribute to preventing potential negative impacts on the environment and human health resulting from improper waste disposal. For further details, contact your local authorities or the nearest collection point. Fines may be imposed for improper disposal of this type of waste in accordance with national regulations.

### **For Business Entities in European Union States**

To dispose of electric or electronic equipment, request necessary information from your retailer or supplier.

### **Disposal in Other Countries Outside the European Union**

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



The product meets the EU requirements.

The text, design and technical specifications may be changed without prior notice and we reserve the right to make these changes.

The original version is in the Czech language.

Manufacturer: FAST ČR, a.s., U Sanitasu 1621, Říčany 251 01, Czech Republic

FAST ČR, a.s. hereby declares that the radio device type SWS 16600 WiFi SH conforms to the 2014/53/EU directive.

For the full version of the EU declaration of conformity, please refer to:  
[www.sencor.cz](http://www.sencor.cz)



# SENCOR®

## EN Warranty conditions

**Warranty card is not a part of the device packaging.**

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

### **This warranty is void especially if apply as follows:**

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

### **Manufacturer:**

FAST ČR, a.s., U Sanitasy 1621, Říčany 251 01, Czech Republic

Visit [www.sencor.com](http://www.sencor.com) for detailed information about authorized service centers.

The original version of the instructions is in the Czech language, other language versions are made by the appropriate translation.