

*Smart phone not included

*Chytrý telefon není součástí příslušenství

* Smartfón nie je súčasťou príslušenstva

*Az okostelefon nem tartozék

*Smartfon nie stanowi elementu akcesoriów

EN ■ User Manual

Smart multi-channel thermo-hygrometer with wireless sensor

CZ ■ Uživatelská příručka

Chytrý vícekanálový teploměr-vlhkoměr s bezdrátovým snímačem

SK ■ Používateľská príručka

Inteligentný viackanálový teplomer-vlhkomer s bezdrôtovým snímačom

HU ■ Felhasználói kézikönyv

Intelligens többcsatornás hőmérő és páratartalom mérő vezeték nélküli érzékelővel

PL ■ Podręcznik użytkownika

Inteligentny wielokanałowy termometr-wilgotnościomierz z czujnikiem bezprzewodowym

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ABOUT THIS USER'S MANUAL

 This symbol represents a warning. To ensure safe use, always adhere to the instructions described in this documentation.

 This symbol is followed by a user's tip.



PRECAUTIONS



- Keeping and reading the "User manual" is highly recommended. The manufacturer and supplier cannot accept any responsibility for any incorrect readings, export data lost and any consequences that occur should an inaccurate reading take place.
- Images shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

- Technical specifications and user manual contents for this product are subject to change without notice.
- This product is not to be used for medical purposes or for public information
- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- Do not cover the ventilation holes with any items such as newspapers, curtains etc.
- Do not immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
- Do not clean the unit with abrasive or corrosive materials.
- Do not tamper with the unit's internal components. This invalidates the warranty.
- Placement of this product on certain types of wood may result in damage to its finishing for which manufacturer will not be responsible. Consult the furniture manufacturer's care instructions for information.
- Only use attachments / accessories specified by the manufacturer.
- This product is intended for use only with the adaptor provided: Manufacturer: DONGGUAN SHIJIE HUAXU ELECTRONICS FACTORY, Model: HX075-0501000-AG-001.
- The socket-outlet shall be installed near the equipment and easily be accessible.
- When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- This product is not a toy. Keep out of reach of children.
- The console is intended to be used only indoors.
- Place the console at least 20cm from nearby persons.
- This device is only suitable for mounting at height < 2m.
- When disposing of this product, ensure it is collected separately for special treatment.
- CAUTION! Risk of explosion if battery is replaced by an incorrect type.
- Battery cannot be subjected to high or low extreme temperatures, low air pressure at high altitude during use, storage or transportation, if not, it may result in an explosion or the leakage of flammable liquid or gas.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Do not ingest the battery, Chemical Burn Hazard.
- This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Only use fresh batteries. Do not mix new and old batteries.
- Dispose of used batteries according to the instructions.
- Replacement of a battery with an incorrect type that can result in an explosion or the leakage of flammable liquid or gas.

INTRODUCTION

Thank you for selecting SMART multi-channel weather station. The console has WiFi module built-in and through its smart system is compatible with Tuya IoT platform. Through the Tuya Smart App, you can view the temperature and humidity of main console and wireless sensor(s), check history records, set high / low alarm and trigger tasks in anywhere.

This system come with a wireless thermo-hygro sensor and can support up to 7 additional sensors(optional). User can monitor and set multi trigger task to control other Tuya compatible device(s) according to the specific condition(s).

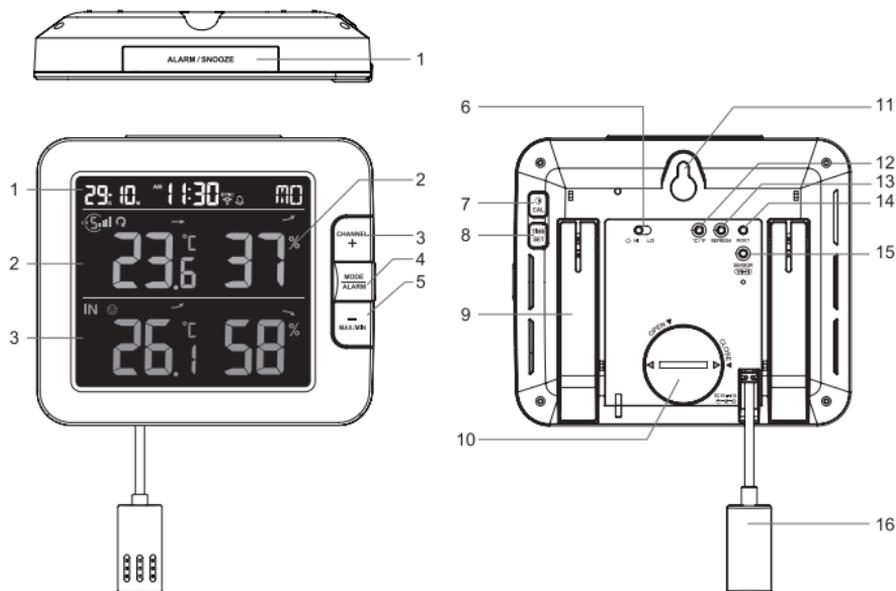
The colorful LCD display shows the readings clearly and tidy, this system is a truly IoT system for you and your home.

NOTE:

This instruction manual contains useful information on the proper use and care of this product. Please read this manual through to fully understand and enjoy its features, and keep it handy for future use.

OVERVIEW

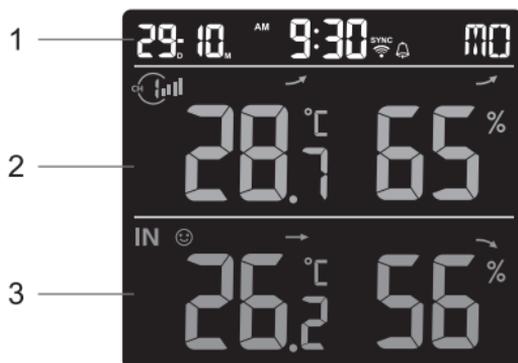
CONSOLE



- | | | |
|---------------------------|------------------------|--------------------------|
| 1. [ALARM/SNOOZE] key | 7. [°/ CAL] key | 13. [Refresh] key |
| 2. LCD display | 8. [TIME SET] key | 14. [RESET] key |
| 3. [CHANNEL / +] key | 9. Table stand | 15. [SENSOR / WI-FI] key |
| 4. [MODE / ALARM] key | 10. Battery door | 16. Power jack |
| 5. [MAX / MIN / -] key | 11. Wall mounting hole | |
| 6. [HI / LO] slide switch | 12. [°C / °F] key | |

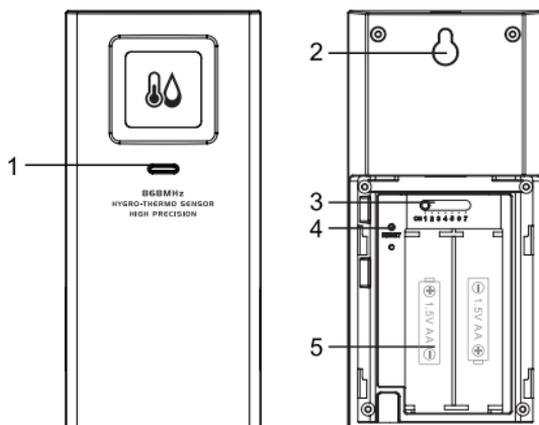
LCD DISPLAY

1. Time & Date
2. Temperature & humidity
3. Indoor temperature & humidity



WIRELESS THERMO-HYGRO SENSOR

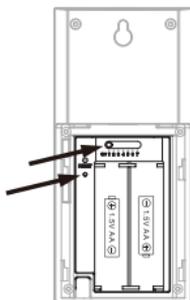
1. Transmission status LED
2. Wall mounting holder
3. **[CHANNEL]** slide switch to assign the sensor to Channel 1,2,3,4,5,6 or 7
4. **[RESET]** key
5. Battery compartment



INSTALLATION AND SETUP

INSTALL WIRELESS THERMO-HYGRO SENSOR

1. Remove the battery door of the sensor.
2. Use the channel slide switch to set the channel number for the sensor (e.g. Channel 1)
3. Insert 2 × AA size batteries into the battery compartment according to the polarity marked on the battery compartment, and close the battery door.
4. The sensor is in synchronization mode, and can be registered to the console within the next few minutes. The transmission status LED will begin to flash every 1 minute.



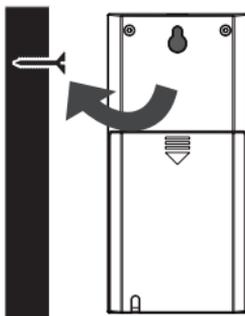
NOTE:

- If you need to re-assign the sensor channel, slide the channel slide switch to the new channel position and press **[RESET]** key on the sensor for the new channel number to be effective.
- Avoid placing the sensors in direct sunlight, rain or snow.
- To avoid the sensor/s and console pairing failure during new console setup, please power up the sensor(s) first, and then press **[SENSOR/WiFi]** key on the main unit.

PLACING THE WIRELESS THERMO-HYGRO SENSOR

Place a screw on the wall that you wish to hang the sensor on.

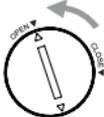
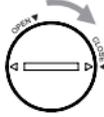
Hang the sensor onto the screw by the wall mounting holder. You can also place the sensor on a table by itself.



SETUP THE CONSOLE

INSTALL THE BACKUP BATTERY

Backup battery provides power to the console to retain clock time and date, max/min records and calibration value.

Step 1	Step 2	Step 3
		
Remove the console battery door with coin	Insert a new CR2032 button cell battery	Replace the battery door.

NOTE:

- The backup battery can back up: Time & Date, Max/Min records and calibration value.
- The built-in memory can back up: Router setting server settings.
- Please always remove the back-up battery if the device is not going to be used for a while. Please keep in mind that even when the device is not in use, certain settings, such as the clock, calibration and records in its memory, will still drain the back-up battery.

POWER UP THE CONSOLE

1. Plug in the power adapter to power up the console.
2. Once the console is power up, all the segments of the LCD will be shown.
3. The console will automatically enter AP mode and sensor synchronization mode automatically.



4. The wireless sensor will automatically pair up with console (about 1 minute). Upon successful synchronization, display will change from "--.°C --%" to actual reading.

NOTE:

If no display appears when power up the console. You can press **[RESET]** key by using a pointed object. If this process still not work, you can remove the backup battery and unplug the adaptor then re-power up the console again.



RESET AND FACTORY HARD RESET

To reset the console and start again, press the **[RESET]** key once or remove the backup battery and then unplug the adapter. To resume factory settings and remove all data, press and hold the **[RESET]** key for 6 seconds.

CHANGING BATTERIES AND MANUAL PAIRING OF SENSOR

Whenever you changed the batteries of the wireless sensor, re-synchronization must be done manually.

1. Change all the batteries to new ones in the sensor.
2. Press **[SENSOR / WI-FI]** key on the console to enter sensor Synchronization mode.
3. Console will re-register the sensor after its batteries are changed (about 1 minute).

ADDITIONAL WIRELESS SENSOR(S) (OPTIONAL)

The console can support up to 7 wireless sensors.

1. In the new wireless sensor, slide the Channel switch to a new CH number
2. Press the **[RESET]** key on the new sensor.
3. At the back of the console, press the **[SENSOR / WI-FI]** key enter sensor synchronization mode
4. Wait for the new sensor(s) to pair up with the console. (About 1 minute)
5. Once the new sensor(s) are connected to the console successfully, their temperature and humidity will be shown accordingly.



NOTE:

- Channel number of the sensor must not be duplicated among the sensors. Please refer to **"INSTALL Wireless thermo-hygro SENSOR"** for details
- This console can support different type of additional wireless sensor(s), e.g. soil moisture. If you would like to pair up additional sensors, please check with your retailer for more detail.

SENSOR(S) RESYNCHRONIZATION

Press the **[SENSOR / WI-FI]** key once for the console to enter sensor Synchronization mode (channel number blinking), and the console will re-register all the sensors that have already been paired to it before.

REMOVE WIRELESS SENSOR

User may manually delete any sensor from the console.

1. Press the **[CHANNEL]** key until the console shows the display of the selected sensor.
2. Press and hold **[REFRESH]** key for 10 seconds, until its readings are reset "--, °C -- %" is shown.

OTHER SETTING & FUNCTIONS OF THE CONSOLE

MANUAL CLOCK SETTING

This console is designed to obtain the local time by synchronizing with your local time. If you want to use it off line, you can set the time and date manually. During the first time startup, press and hold the **[SENSOR / WI-FI]** key for 6 seconds and let the console back to normal mode.

1. In normal mode, press and hold **[TIME SET]** key for 2 seconds to enter setting.
2. The setting sequence: 12/24 hour format → Hour → Minute → Year → M-D/D-M format → Month → Day → Time sync ON/OFF → weekday Language.
3. Press **[+]** or **[-]** key to change the value. Press and hold the key for quick-adjust.
4. Press **[TIME SET]** key to save and exit the setting mode, or it will automatically exit the setting mode 60 seconds later without pressing any key.

NOTE:

- In normal mode, press **[TIME SET]** key to switch between year and date display.
- During the setting, you can back to normal model by press and hold **[TIME SET]** key for 2 seconds.

SETTING ALARM TIME

1. In normal time mode, press and hold **[MODE / ALARM]** key for 2 seconds until the alarm hour digit flashes to enter alarm time setting mode.
2. Press **[+]** or **[-]** key to change the value. Press and hold the key for quick-adjust.
3. Press **[MODE / ALARM]** key again to step the setting value to Minute with the Minute digit flashing.
4. Press **[+]** or **[-]** key to adjust the value of the flashing digit.
5. Press **[MODE / ALARM]** key to save and exit the setting.

NOTE:

- In alarm mode, the  icon will display on the LCD.
- The alarm function will turn on automatically once you set the alarm time.

ACTIVATING ALARM FUNCTION

1. In normal mode, press **[MODE / ALARM]** key to show the alarm time for 5 seconds.
2. When the alarm time displays, press **[MODE / ALARM]** key again to activate the alarm function.

	
Alarm off	Alarm on

When clock reach the alarm time, alarm sound will start.

Where it can be stopped by following operation:

- Auto-stop after 2 minutes alarming if without any operation and the alarm will activate again in the next day.
- By pressing **[ALARM / SNOOZE]** key to enter snooze that the alarm will sound again after 5 minutes.
- By pressing and hold **[ALARM / SNOOZE]** key for 2 seconds to stop the alarm and will activate again in the next day
- By pressing **[MODE / ALARM]** key to stop the alarm and the alarm will activate again in the next day.

NOTE:

- The snooze could be used continuously in 24 hours.
- During the snooze, the alarm icon  will keep flashing.

WIRELESS SENSOR SIGNAL RECEIVING

1. The console display signal strength for the wireless sensor(s), as per table below:

Signal strength of wireless sensor channel			
	No signal	Weak signal	Good signal

- If the signal has discontinued and does not recover within 15 minutes, the signal icon will disappear. The temperature and humidity will display "Er" for the corresponding channel.
- If the signal does not recover within 48 hours, the "Er" display will become permanent. You need to replace the batteries and then press **[SENSOR / WI-FI]** key to pair up the sensor again.

VIEW THE OTHER CHANNELS (OPTIONAL FEATURE WITH ADD ON EXTRA SENSORS)

This console is capable to pair with 7 wireless sensors. If you have 2 or more wireless sensors, you can press **[CHANNEL]** key to switch between different wireless channels in normal mode, or press and hold **[CHANNEL]** key for 2 seconds to toggle auto-cycle mode to display the connected channels at 4 seconds interval.

During auto-cycle mode, the  icon will show on the wireless sensor channels section of the console's display. Press **[CHANNEL]** key to stop auto cycle and display the current channel.

TEMPERATURE / HUMIDITY FUNCTION

- The temperature and humidity reading are display on the Channel and indoor section.
- Use the **[°C / °F]** key to select the temperature display unit.
- If temperature / humidity is below the measurement range, the reading will show "LO". If temperature / humidity is above the measurement range, the reading will show "HI".

COMFORT INDICATION

The comfort indication is a pictorial indication based on indoor air temperature and humidity in an attempt to determine comfort level.	 Too cold	 Comfortable	 Too hot
---	--	---	---

NOTE:

- Comfort indication can vary under the same temperature, depending on the humidity.
- There is no comfort indication when temperature is below 0°C (32°F) or over 60°C (140°F).

TREND INDICATOR

The trend indicator shows the temperature or humidity trends of changes based on later 15 minutes.

 Rising	 Steady	 Falling
--	--	---

MAX / MIN DATA RECORD

The console can record MAX / MIN readings both daily and since last reset.

 	 	 	 
Daily MAX reading	Daily MIN reading	MAX reading since last reset	MIN reading since last reset

TO VIEW MAX / MIN

1. In normal mode, press **[MAX / MIN]** key on the front side, to check the daily MAX records of current channel and indoor.
2. Press **[MAX / MIN]** key again to check the daily MIN records of current channel and indoor.
3. Press **[MAX / MIN]** key again to check the accumulative MAX records.
4. Press **[MAX / MIN]** key again to check the accumulative MIN records.
5. Press **[MAX / MIN]** key again and back to normal mode.
6. User can also check records of different sensor by pressing **[CHANNEL]** key.

TO RESET THE MAX/MIN RECORDS

Press and hold **[MAX / MIN]** key for 2 seconds to reset the current on display MAX or MIN records.

NOTE:

The LCD will also display the "**MAX**" / "**MIN**" icon, when showing the record(s).

CALIBRATION

To calibrate the temperature and humidity:

1. In normal mode, press and hold **[CAL]** key for 2 seconds to enter the calibration mode as below.



2. Press **[+]** or **[-]** key to select IN or any Channels.
3. Press **[MODE / ALARM]** key to select between: Temperature jji Humidity.
4. While temperature or humidity is blinking, press **[+]** or **[-]** key to adjust the offset value.
5. When finished, press **[MODE / ALARM]** to proceed with next calibration by repeating process 2 - 4 above.
6. Press **[CAL]** key to return to normal mode.

BACK LIGHT

The main unit back light can be adjusted, using the **[HI / LO]** sliding switch to select the appropriate brightness:

- Slide to the **[HI]** position for the brighter back light.
- Slide to the **[LO]** position for the dimmer back light.

SET LCD DISPLAY CONTRAST

In normal mode, press **[CAL]** key to adjust LCD contrast for best viewing on table stand or wall mounted.

MAINTENANCE

BATTERY REPLACEMENT

When low battery indicator  is displayed in CH section of the LCD display, it indicates that the current channel sensor battery power give wireless sensor shown is low respectively. Please replace with new batteries.

TROUBLESHOOT



Problems	Solution
Indoor wireless sensor is intermittent or no connection	<ol style="list-style-type: none">1. Make sure the sensor is within the transmission range2. Make sure the channel displayed match to the channel selection on sensor3. If it still not work, reset the sensor and resynchronize with console.
No WI-FI connection	<ol style="list-style-type: none">1. Check for WI-FI symbol on the display, it should be always on.2. Make sure you connect to 2.4G band but not 5G band of your WIFI router.
Temperature or humidity not accurate	<ol style="list-style-type: none">1. Do not place your console or sensor close to the heat source2. If the sensor still not accurate adjust the value in calibration mode.

SPECIFICATIONS

CONSOLE

General Specification	
Dimensions (W × H × D)	130 × 112 × 27.5mm (5.1 × 4.4 × 1.1 in)
Weight	220g (with batteries)
Main power	DC 5V, 1A adaptor
Backup battery	CR2032
Operating temperature range	-5°C ~ 50°C
Operating Humidity range	10~90% RH
Support sensors	- 1 Wireless Thermo-hygro sensors (included) - Support Up to 7 Wireless Thermo-hygro sensors (optional)
RF frequency	868Mhz (EU or UK version)
Time Related Function Specification	
Time display	HH: MM
Hour format	12hr AM / PM or 24 hr
Date display	DD / MM or MM / DD
Time synchronize method	Through the server to get the local time of the console location
Weekday languages	EN / DE / FR / ES / IT / NL / RU
In Temperature	
Temperature unit	°C and °F
Accuracy	<0°C or >40°C ± 2°C (<32°F or >104°F ± 3.6°F) 0~40°C ±1°C (32~104°F ± 1.8°F)
Resolution	°C / °F (1 decimal place)
In Humidity	
Humidity unit	%
Accuracy	1 ~ 20% RH ± 6.5% RH @ 25°C (77°F) 21 ~ 80% RH ± 3.5% RH @ 25°C (77°F) 81 ~ 99% RH ± 6.5% RH @ 25°C (77°F)
Resolution	1%
WI-FI Communication Specification	
Standard	802.11 b/g/n
Operating frequency:	2.4GHz
Supported router security type	WPA/WPA2, OPEN, WEP (WEP only support Hexadecimal password)
APP Specification	
Support App	- Sencor HOME - Tuya Smart, Smart Life
Supported platform of App	Android smart phone iPhone

WIRELESS THERMO-HYGRO SENSOR

Dimensions (W × H × D)	58 × 125 × 19 mm (2.3 × 4.9 × 0.7in)
Weight	144g (with Batteries)
Main power	2 × AA size 1.5V batteries (Alkaline batteries recommended)
Weather data	Temperature and Humidity
RF transmission range	150m (492 feet) straight distance
RF frequency	868MHz (EU or UK)
Transmission interval	60 seconds
Operating temperature range	-40 ~ 60°C (-40 ~ 140°F) Non-rechargeable Lithium batteries required
Operating humidity range	RH 1% to 99 % non-condensing
CH (wireless sensor) Temperature	
Temperature unit	°C and °F
Accuracy	-40 ~ 60°C ± 0.4°C (-40 ~ 140°F ± 0.7°F)
Resolution	°C / °F (1 decimal place)
CH (wireless sensor) Humidity	
Humidity unit	%
Accuracy	1 ~ 90% RH ± 2.5% RH @ 25°C (77°F) 90 ~ 99% RH ± 3.5% RH @ 25°C (77°F)
Resolution	1%

Adapter technical specifications:

Manufacturer's name or trade mark, commercial registration number and address:	Dongguan Shijie Hua Xu Electronics Factory, No.200, Technology East Road, Shijie Town, Dongguan City, Guangdong P.R. China
Model identifier:	HX075-0501000-AG-001
Input voltage:	AC100 - 240V
Input AC frequency:	50/60Hz
Output voltage:	DC5.0V
Output current:	1.0A
Output power:	5.0W
Average active efficiency:	≥73.62%
Efficiency at low load (10 %):	64.93%
No-load power consumption:	≤0.01W

INSTRUCTIONS AND INFORMATION ON THE DISPOSAL OF DISCARDED PACKAGING MATERIALS

Take the packaging material to a collection yard for disposal.

DISPOSAL OF DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT



This symbol on the product, accessory or packaging indicates that the product must not be treated as normal household waste. Please dispose of this product in a collection yard designated for the recycling of electrical and electronic equipment. In some EU countries or in some European countries, you can return your products to your local retailer when you buy an equivalent new product. Correct disposal of this product helps save valuable natural resources and prevents possible adverse impacts on the environment and human health that might be caused by improper waste disposal. Please contact your local authority or the nearest waste collection yard for further details. Improper disposal of this type of waste may be subject to a legal fine.

For companies in the European Union

If you need to dispose of electrical or electronic equipment, ask your dealer or supplier for the necessary information.

Disposal in countries outside the European Union

To dispose of this product, please ask your local authorities or dealer for the necessary information on correct disposal.



This product complies with EU requirements.

FAST ČR, a. s. hereby declares that the radio device type SWS 8600 SH complies with Directive 2014/53/EU. For full version of the EU declaration of conformity, please refer to the website: www.sencor.com

Changes in the text, design and technical specifications may be made without prior notice and we reserve the right to make such changes.

The original version is in Czech.

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

Authorized service centers: Visit www.sencor.com for detailed information about authorized service centers.

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 Sanitasu 1621, Říčany 251 01, Czech Republic

Visit 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.