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Immax
07529L NEO
Lite Smart
Temperature Sensor

Immax 07529L NEO Lite Smart Temperature Sensor User Manual

Contents

TECHNICAL DATA AND FEATURES

MAIN

— Time in optional 12/24 hour format.
— Automatic calibration of network time service
— Daily Alarm with snooze function
— Indoor and outdoor humidity measurable range: 20%RH to 95%RH
— temperature measurement ranges:
Indoor:-9.90C to 500C to 1220F)
Outdoor:-400C to 700C or(-400F to 1580F)
Temperature alternatively in oc or OF.
— Maximum / Minimum indoor and outdoor (2-channel) temperature and humidity
record and query

— Wireless remote monitoring of 2-channel wireless temperature and humidity sensor and 1-channel wireless pool temperature sensor
— Comfort level display of pool temperature
— Display the maximum, minimum, and real-time temperature ofthe swimming pool temperature on the same screen
— Connects directly to a wifi network, connect to Tuya Smart System
— Power Supply:
Battery: Built-in rechargeable lithium battery (1200mAh)
Equipment power input: DC5V is greater than 500mA (TYPE-C interface)

WIRELESS OUTDOOR SENSOR
— 3 Channels selectable
— Data transmission frequency: 433 MHz
— Wireless range: max. 60 m (open area)
— Batteries: 2 x LR03, 1.5 V (size AAA, pool temperature sensor)
— Batteries:4 x LR6, I .5 V (size AA, temperature and humidity sensor)

PART A:
A1: Time
A2: Indoor temperature
A3: Indoor humidity
A4:Channel 1 temperature
A5:Channel 1 humidity
A6: Channel 2 temperature
A7:Channel 2 humidity
A8: Comfort level display of pool temperature
A9: Channel 3 Pool Thermometer
A10: Maximum value of pool thermometer for channel 3
A11: Minimum value of pool thermometer for

- Network Time icon

  WIFI signal strength indicator

  Wireless receiving icon

  Display the maximum temperature and humidity record icon

  INDOOR icon

  Channel 2 remote wireless sensor icon
- • WIFI icon

  Main unit battery level

  Battery low voltage icon of remote sensor

  Display the minimum temperature and humidity record icon

  Channel 1 remote wireless sensor icon

  Channel 3 remote wireless sensor icon

Part B:
B1: "SNOOZE/LIGHT" button
B2: "SET/MODE"
B3: "-" button
B4: "MEM" button
85: "ALARM" button
B6: button
B7: Power on/off button
B8: Reset button
B9: Power supply socket —TYPE-C

B10: Hanging hole
B11: Support frame

Part C
C 1: LCD display — Temperature
C2: LCD display — Humidity
C3: Transmit signal LED
C4: "OC/OF" button
C5: "TX" button
C6: Battery compartment

PART D:
D1: Temperature sensor
D2: Battery box
D3: Main control module
D4: Waterproof rubber ring
D5: Lens
D6: Locking cover
D7: Positioning pin Cl
D8: Positioning pin C2
D9: Transmitting antenna
D10: OC/OF selection switch
D11: LED indicator for signal transmitting
D12: Channel 3 icon
D13: Temperature value

INITIAL OPERATION:
– Referring to the illustration, hold parts Dl and D6 with both hands, rotate
counterclockwise to separate Dl and C6, and pull out part D2 of part Dl, insert
2 AAA 1.5V batteries according to the polarity of the battery slot of D2, and then
reconnect D2 Insert back into the Dl part.
— According to the actual use requirements, use the DIO switch in the D3
component to set the required temperature unit, insert the D8 positioning
column of D3 into the positioning groove of Dl and D7, respectively. Align D4,
D5 and D6 into D3, then grab the parts of Dl and D6, turn clockwise, and tighten
the sensor.
– After completing the above steps, all the icons on the LCD will light up briefly
for 3 seconds, and the wireless outdoor sensor starts to switch to the normal
working mode to detect the temperature in the environment. At this time, the
sensor will transmit a wireless signal, and it will automatically transmit a wireless
signal every 1 minute or so, and the indicator light Dll of the transmitter sensor
will flash once every time a wireless signal is transmitted.

— Open the battery compartment covers of two wireless remote temperature and
humidity sensors, Insert 2 x AA batteries observing polarity ["+" and marks] – When the wireless sensor is loaded
into the battery, all the icon on the LCD
display will briefly light up for 3 seconds, and detect the temperature and
humidity of the sensor, At the same time, LED lights flicker once, the wireless
sensors automatically transmit wireless signals.
—Preparation before starting the host:
Download Tuya Smart App:

According to your phone brand, search the Immax NEO PRO app in the IOS APP Store or Google Play for Android
and download it.
– After the APP download is complete, open the APP and register an account and
fill in the login information.
– As shown in the picture, insert the power adapter into the B9 input interface,

the main unit screen will display all graphic elements and beep sound. After 3 seconds, it will switch to WIFI pairing mode and display "AP 01 "
Note: You can also press and hold the " " button for 3 seconds to turn on the device. The first time the device is turned on, it will automatically go into pairing mode. If it does not, check that the inserted batteries are charged and that the device is connected to power. Then you can press the reset button for more than 5 seconds to reset the device.
– At this point, the APP Will automatically ask whether to connect to the device. Click the ADD button.
– Then follow APP instructions, step 2: set WIFI name and password, step 3: pairing process, click NEXT button, step 4: click DONE button, switch to main interface step 5, which means pairing is complete

Note: The paired WIFI hotspot must be 2.4GHz, this product only supports 2.4GHz wireless network
— If the main unit does not automatically enter the AP mode when it is powered on for the first time, it can be entered by pressing the "+" button for more than 3 seconds, and the display after entering is the same as the display automatically entering the AP mode
— When the pairing is completed, the main unit will automatically convert to the conventional display interface, and at the same time, it will automatically provide the time, and the time will be changed to the current time. The icon is dis-
played, which means the network time, and at the same time, it starts to search for the signal of the remote wireless sensor. The icon " 6." flashes, and the time is about 3 minutes. At this time, if the outdoor wireless sensor is running normally, the main unit will start to search for the signal of the remote wireless sensor in about 1-2 minutes. When a signal is received inside, the outdoor temperature will be shown on the main unit's display.
— There are two types of WIFI connection methods for the main unit. When usingan external power supply, WIFI will always establish a connection, and data will be uploaded to the cloud server from time to time. When powered by an internal lithium battery, WIFI uploads data every hour.
— When using internal battery power, pressing the "SET/MODE" button can manually turn on WIFI for 5 minutes. With in this time, data can be uploaded from time to time. At the same time, the main unit can be set for units, backlight brightness, and other settings through the APP

OUTDOOR SENSOR TRANSMISSION
The main unit can connect up to 2 channel wireless temperature and humidity sensor and 1 channel wireless pool temperature sensor registration, Each sensor has been fixed with its corresponding channel, please use it according to the purpose of the sensor

- The main unit will automatically connect to the wireless sensor. If there is a channel that is not connected (the temperature and humidity values display -), first press the button to select the corresponding channel (the channel icon flashes), and then press and hold the
  – button for more than 3 seconds to enter the registration mode. This time is kept for 3 minutes, and if there is a pairing signal from the wireless sensor within 3 minutes, it indicates that the automatic pairing is successful, The temperature or humidity data of the sensor will be displayed.

F.Y.I.:

- When there is no wireless sensor signal transmission on the channel, the tem-perature or humidity on the wireless sensor bar of the main unit are displayed – -,
- If the battery icon is displayed under the wireless sensor bar of the main unit, you need to replace the wireless sensor battery of your channel as soon as possible based on the channel display.

MANUAL TIME SETTING

- Press and hold down the "SET/MODE" button for 2 seconds, and the 12/24 hour mode display starts to flash. Now use "+" and buttons to set the correct 12/24 hour mode.
- Press 'ISET/MODE" to confirm your setting, and the Hour display starts to flash. Now use"+" and buttons to set the correct hour.
- Press "SET/MODE" to confirm your setting, the Minute display starts to flash. Now use "+" and buttons to set the correct minute.
- Press "SET/MODE" to confirm your settings and to end the setting procedures, enter the clock mode.
- After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.
- When the WIFI connection is successful, the time will be automatically updated

  to the network time, the symbol " will display, at the time of setting, and there is no need to set the time.

SETTING THE DAILY ALARMS

- Press once "ALARM" button, and the display conversion to alarm activation mode. In this mode, press the "ALARM" button again to activate the alarm function, is dis- at the same time, the sound of "BI" sounded, while

  the alarm icon " played which means alarm has been activated. And then press the "ALARM" button

  does not show. again, you can turn off the alarm function, the alarm icon does not show.
- Press and hold down the "ALARM" button for 2 seconds until the Alarm Time hour display starts to flash. Use the"+" buttons to set the required hour.
- Press the "ALARM" button to confirm your setting, and the Minute display starts to flash. Use the "+" buttons to set the required minute.
- Press the "ALARM" button to confirm your setting, and the snooze time of the Alarm starts to flash. Use the "+1' buttons to set the minute of snooze you need.
- Press the "ALARM" button to confirm your settings and to end the setting procedure

FYI:

- After 20 seconds without pressing any button the clock switches automatically from setting mode to Normal clock mode.
- The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case, the alarm will be repeated automatically after 24 hours.
- The rising alarm sound (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.
- The snooze time setting range: 5 60MIN, OFF, when set to OFF, means no snooze function. The snooze time unit is minutes.

SWITCHING OFF THE ALARM SIGNAL

- While the alarm is sounding, press any button except the "SNOOZE/LIGHT" button or press hold the "SNOOZE/LIGHT" button for 3 seconds to stop the alarm signal.

SNOOZE FUNCTION

- While the alarm is sounding, press the "SNOOZE/LIGHT" button once to activate the snooze function. The alarm signal sounds again after already been set.
- In snooze mode, press any button except the "SNOOZE/LIGHT" button or press hold the "SNOOZE/LIGHT" button for 3 seconds to exit the snooze mode. When the snooze function is set to OFF, while the alarm is sounding, press "SNOOZE/LIGHT" does not have this snooze function.
- When the snooze function is set to OFF, while the alarm is sounding, pressing "SNOOZE/LIGHT" does not have this snooze function.

MAXIMUM/MINIMUM TEMPERATURE/HUMIDITY

- To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the "MEM" button: Once to show the maximum temperature and humidity values. Twice to sow 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 "MEM" button for about 2 seconds. This will reset all minimum and maximum data recorded to the currently displayed values.

F.Y.I.:

- If the temperature reading is below ranges, the LL.L will be displayed. If the temperature reading is above ranges, the HH.H will be displayed.

BATTERY CHARGING AND POWER-ON AND POWER-OFF
When the main unit is in the shutdown state, Press and hold the button on the side for more than 3 seconds to turn on the product. Similarly, in the startup state, press and hold the "0 " button for more than 3 seconds to turn off the machine

- The built-in battery of the main unit has a power display. The display of four cells indicates that the battery is fully charged, and the display of one cell indicates that the battery is low.
- If only the battery frame is displayed and blinks, it means that the battery power is exhausted, and the product will automatically shut down and enter the standby state. At this time, the external power supply must be connected for charging. The main unit will only display the battery label when charging when it is off.
- When the main unit is connected to the external power supply, it will automatically charge the built-in lithium battery, and the battery icon will automatically change the animation display to indicate that it is charging. When it is fully charged, the battery icon will automatically display the full charge status of four cells.

BACKGROUND LIGHTING

- If the product is powered by batteries, Press the "SNZ/LIGHT" button. The backlight lit 15 seconds.
- When the power supply of the product is inserted into the power supply adapter, the battery will automatically disconnect the power supply, and the backlight will always be bright. Press the "SET/MODE" button to adjust

the brightness of the backlight, you can adjust the 4 state: 3 different brightness backlight and close the backlight. Users can choose according to their personal preferences of different brightness backlights or turn off the backlight. When the backlight is in the dark brightness or closed state, you can Press the "SNOOZE/ LIGHT" button to lighten the maximum brightness of the backlight for 15 seconds.
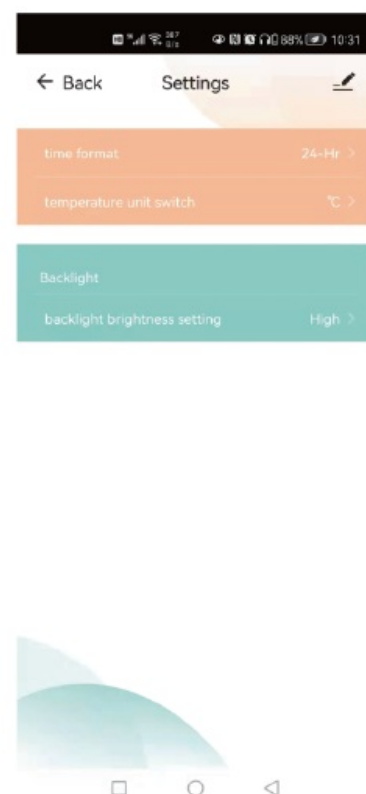
APP INTERFACE DESCRIPTION

- After the pairing is completed, the APP will automatically jump to the main interface, the product will automatically update the network time, and report the indoor temperature and humidity, and the temperature of the three outdoor channels. The APP interface will refresh the data.
- The APP can view the historical record of the reported data. Click the record icon at the bottom left to enter the historical record interface. Click the setting icon at the bottom right to make various settings. The product will change in real-time according to the settings.

MAIN INTERFACE **HISTORY INTERFACE** **SETTING INTERFACE**

SAFETY INFORMATION

- **CAUTION:** Keep out of reach of children. This product contains small parts, which may cause suffocation or injury if swallowed.
- **WARNING:** Every battery has the potential to leak harmful chemicals that can damage skin, clothing or the area where the battery is stored. To avoid the risk of injury, do not allow any substance from the battery to come into contact with the eyes or skin. Every battery may burst or even explode if exposed to fire or other forms of excessive heat. Take care when handling the batteries. To reduce the risk of injury from mishandling the batteries, take the following precautions:

- Do not use different brands and types of batteries in the same device
- When replacing the batteries, always replace all the batteries in the device
- Do not use rechargeable or reusable batteries.
- Do not allow children to insert batteries without supervision.
- Follow the battery manufacturer's instructions for proper battery handling and disposal.
- **CAUTION:** The product and batteries should be disposed of at a recycling center. Do not dispose of them with normal household waste.
- **CAUTION:** To ensure safe use of the product, wires must be brought at the installation site according to valid regulations. The installation must only be carried out by an individual with the appropriate certification in the field of electronics. During installation or when a fault is detected, the power cable must always be disconnected from the socket (in the case of direct connection, the relevant circuit breaker must be switched off). Improper installation can damage the product and cause injury.
- **CAUTION:** Do not disassemble the product, an electric shock may occur.
- **CAUTION:** Use only the original power adapter provided with the product. Do not operate the device if the power cord shows signs of damage.
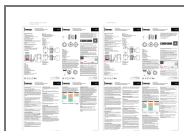- **CAUTION:** Follow the instructions in the enclosed manual.

MAINTENANCE

- Protect the device from contamination and soiling. Wipe the device with a soft cloth, do not use rough or coarse materials. DO NOT USE solvents or other aggressive cleaners or chemicals.
- A Declaration of Conformity has been issued for this product. More information can be found at **www.immax.eu** If you have any questions or need advice, please contact us at **support@immax**.
- Safety information for this product can be downloaded from **www.immax.eu**. A Declaration of Conformity has been issued for this product, more information can be found at **www.immax.eu**

If you have a question or need advice, contact us at **support@immax.eu**

Manufacturer and Importer: IMMAX, 703, 742 85 Viesina, EU **www.immax.cz** Designed in the Czech Republic, Made in China

Documents / Resources

	Immax 07529L NEO Lite Smart Temperature Sensor [pdf] User Manual 07529L, 07529L NEO Lite Smart Temperature Sensor, NEO Lite Smart Temperature Sensor, Smart Temperature Sensor, Temperature Sensor, Sensor

References

- **User Manual**