iMeditron®

iMeditron® Smart Glasses for *Sitting Posture Training*

Instructions

version 1.1

Thank you for choosing iMeditron® Smart Glasses. This manual gives you a brief introduction to the basic functions and operation of this product. However, with the continuous updating of new functions of software and hardware, when you receive the actual product, there may be new functions or functional upgrades that are not covered by this manual. Please forgive the inconvenience. Welcome to contact us through the official website and customer service in time to solve any problems in your use.

Please read the instructions first.

1. Before using this product, please read the instructions carefully. Please use the instructions correctly so as not to cause unnecessary trouble.
2. This description is based on the default settings of Eye-loving Smart Glasses.
3. Understanding that the schematic pictures in this note may not conform to the appearance of the products actually received.
4. Please keep the instructions properly for future operation and maintenance.
5. The following design and specifications are subject to change without notice.

www.imeditron.com

App

Basic parameters：

- Product name: iMeditron ® Smart Glasses
- Product model: iMed11/12/13/16
- Connection mode: Bluetooth 4.0 BLE, RF2.4G
- Working mode: acceleration sensor, ultraviolet and ambient light sensor, distance sensor, etc.
- Battery: lithium polymer 60mAh
- Charging interface: Micro USB, 5V (typical)
- Input current: fast charging 45 mA (typical), 65 mA (maximum), trickle charging: 6mA (typical)
- Power consumption: 80 μ W (dormant) to 60mW (alarm while working)
- Main material: plastic titanium (TR90)
- Weight: less than 19 grams (excluding lenses)
- Inch: see frame printing logo, such as 52 x 17 x 135 C1
- Waterproof grade: IP53
- Working temperature:-10~60 ℃, it is recommended that it be used in the range of 0~45 ℃ to obtain the best performance and life.
- Working humidity: 10~85%
- Phones that support Bluetooth 4.0 Android 4.4 or iOS 9.0 and above

Product Accessories：

- instructions
- Micro USB charging line
- spectacles case
- Glasses cloth

Description of harmful substances：

部件名称 Part name	有害物质 harmful substances					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
眼镜主体 Glasses body	○	○	○	○	○	○
USB充电线 charging line	○	○	○	○	○	○
包装盒 spectacles case	○	○	○	○	○	○
眼镜布 Glasses cloth	○	○	○	○	○	○

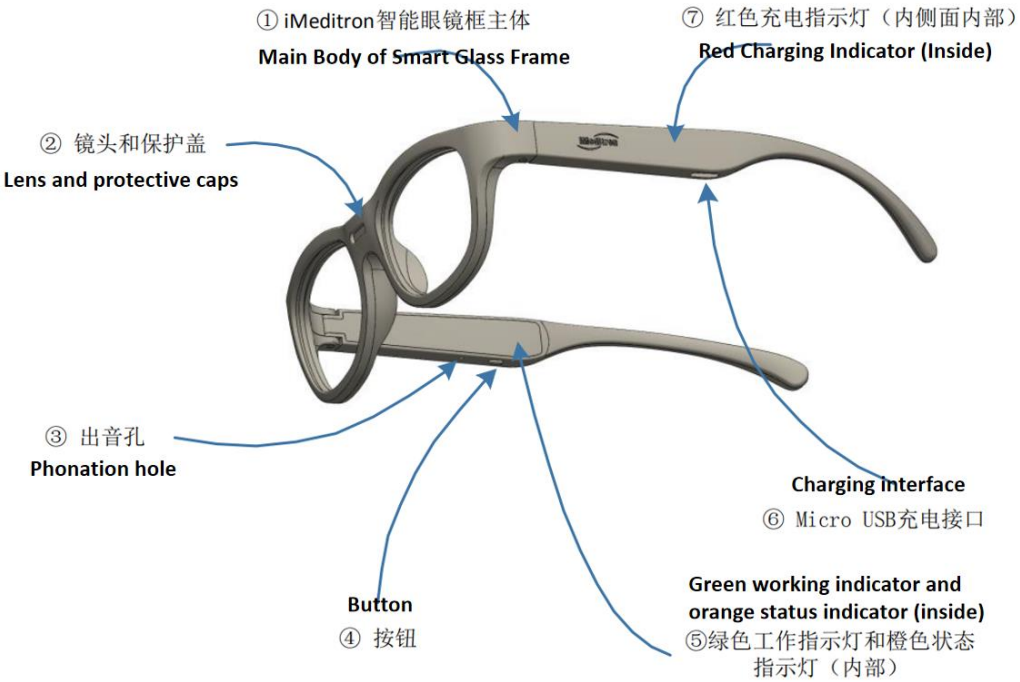
This table is based on SJ/T11363: harmful substances or elements in the component do not contain or contain less than the GB/T 26572 limit, then note "0"; if the content exceeds the limit requirements specified in the GB/T 26572 standard, it is marked as "×".

Use special attention:

The best use scenarios are reading and writing under indoor lighting. Other scenarios are used as usual, but please note:

- Don't wear it in swimming, bathing, rainstorm, etc.
- Do not operate buttons when it rains or sweats too much during exercise
- It is not recommended to wear it in vigorous and antagonistic sports.
- Not suitable for long-term use or preservation under high humidity and high temperature
- When not in use, please put them in the glasses case and keep them properly.

Component and interface description：



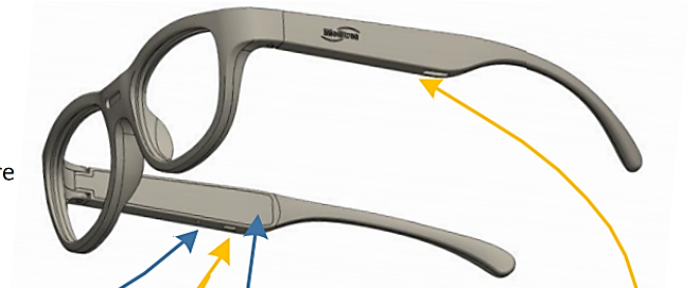
Boot guidance and usage instructions：

Remove iMeditron smart glasses and use them for the first time.
If equipped with lens protection film, please remove them first

1 取出iMeditron智能眼镜，首次使用，如配置有镜头保护膜，请先揭去

注意保护镜头盖玻璃，不要用手指触摸或污损，否则会影响正常使用。有指纹或污渍可用眼镜布加清洁剂微微润湿后轻轻擦拭

Pay attention to protect the lens cover glass, do not touch or deface with your fingers, otherwise it will affect the normal use. Fingerprints or stains can be gently wiped with glasses cloth and cleaner after slightly moisturizing



Do not try to insert any sharp objects into the sound hole to avoid the failure of the waterproof layer

出音孔，请勿试图插入任何尖锐物，以免防水层失效

2 Press the button and turn it on
轻按按钮，开机

3 Press the button for 3 seconds and turn it off
长按按钮3秒，关机

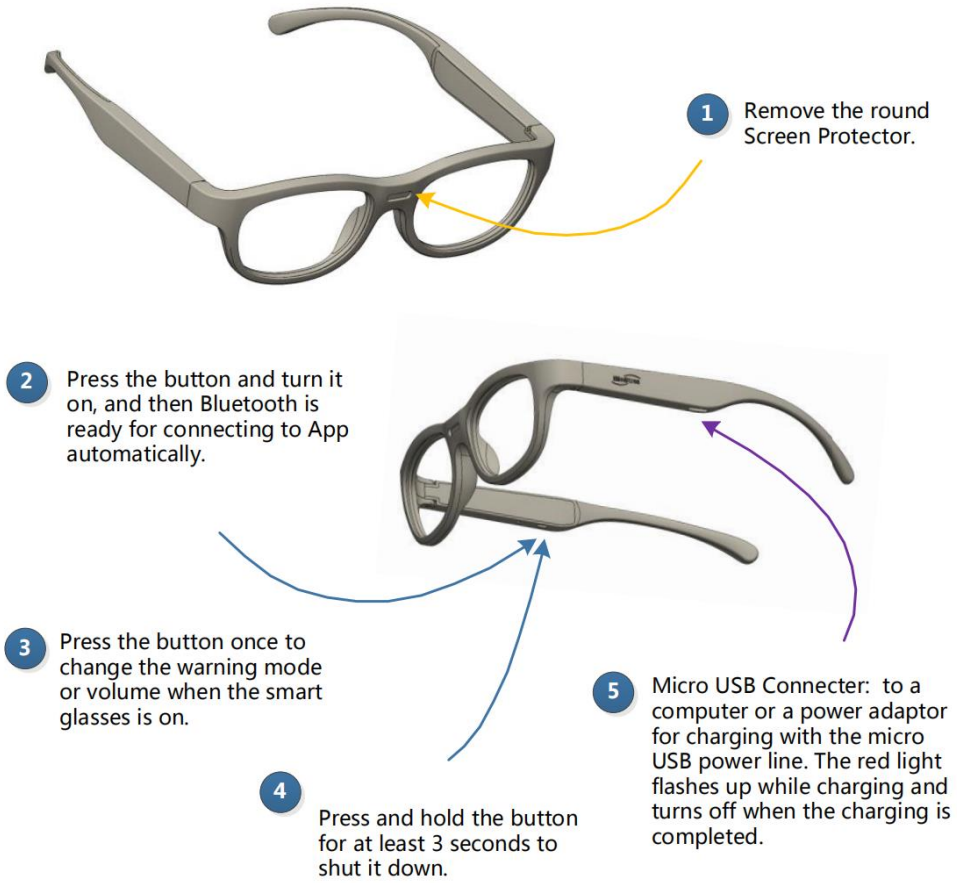
橙、绿色指示灯在开机关机时同时闪烁一次

Orange, green LED flashes once at the same time when it is turned on and off

4 Micro USB charging port, after being connected to the charging line, it can be used normally after filling for 2 hours.
Micro USB 充电口，接入充电线后充满2小时即可正常使用

充电时另一侧红色指示灯亮，如在非关机条件下充电，即使充满电之后也可能会保持常亮

The red indicator light on the other side is on when charging, if charged without shutdown, even after charging enough, it may remain always on.



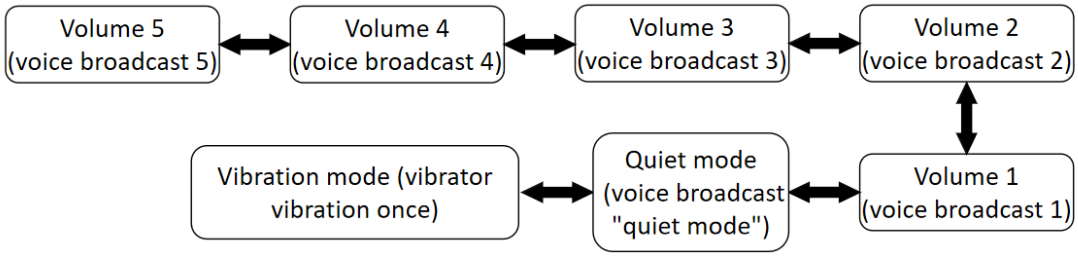
Reminder：

Inverted smart glasses will allow them to quickly enter dormancy mode, thus prohibiting alarm and power saving.

Initial use, will feel smart glasses response is relatively slow, that is because the product's "IMSS intelligent scene" algorithm in order to avoid too frequent alarm, so as not to distract your attention!

Instructions for use (continued)：

Switch reminders and increase or subtract volume: press the button to feel the vibration feedback of smart glasses. Each time the button is pressed, the iMeditron Smart Eye circulates as follows:



Alarm default value（As technology progresses, the following parameters or data may be inconsistent with the actual product you get, please understand）：

The alarm of iMeditron intelligent glasses is based on the multi-sensor data fusion algorithm. After the user uses the scene intelligently, the alarm is prompted according to whether the measured number meets the regular conditions. The general principles are as follows:

- Visual distance: 30 cm, can be personalized modification in App according to the actual height and arm length of the user;
- Lighting environment: 100Lux, can be modified in App;
- Head skew: 12 ° , which can be modified in App;
- The angle of bow is 38 ° , which can be modified in App.
- Continuous eye use: 45 minutes, can be modified in App;
- Sit-in time: 45 minutes, can be modified in App;
- Alarm prompt delay time: according to the sensitivity setting, divided into high, medium and low three grades, can be modified in App.

Battery charging instructions:

When the battery is insufficient, the voice will broadcast "please charge". When the power runs out, the orange indicator will twinkle for 3 seconds or completely unable to turn on. At this time, the charger or computer USB line should be connected to charge the machine (because the current is very small, most portable battery can not charge it).When the charger is inserted, the red indicator lights up to indicate that it is charging, and when filled, the red charger indicator lights go out（Charging or not matching with the charger in use may not extinguish the red indicator even if the battery is full. This is a trickle charging characteristic, and the normal phenomenon does not affect the use of the battery）.

Warm hint:

1. In order to improve the charging efficiency, please charge in the shutdown state.
2. Please make sure the charger and power plug are powered on.
3. The full charging time takes about 2 hours.

Operation and status description：

	device status	User operation	Indicator light	Vibrator	Voice horn	blue tooth
1.turn on	Button shutdown state	Short push button	Orange, green indicator flashing	Vibration in quiet and vibration mode	Broadcast "Voice Mode" in Voice Mode	Start broadcasting, no connection shut down in 3 minutes
	Dormant state	shake				
	Low / no electricity	USB insertion	The red indicator light is on, and the orange and green indicator lights are flashing		Broadcast "Welcome to use" in Voice Mode	Start broadcasting, no connection shut down in 3 minutes
2.turn off （hand/auto）	regular work	Button press for 3 seconds	Orange, green indicator lamp blinking 1s			
	Sleep without use for 3 minutes					
	The power supply is less than 3.6v		Orange, green indicator lamp blinking 1s			
3.Switching alarm mode （Vibration, voice, quiet）		Short push button	The green indicator flashes once	Switch to vibration mode	Switch to voice volume 1~5 in sequence, another press enter quiet mode, continue pressing again to enter vibration mode	
4.charge (a battery)	USB charging line plug in		The red light is always on and goes out when it is full of electricity.			Start broadcasting, no connection shut down in 3 minutes
	USB charging line unplugged		The red LED goes out and goes to sleep			Bluetooth off
5.Low electric quantity			The yellow indicator flashes every half hour			

App and Bluetooth connection：

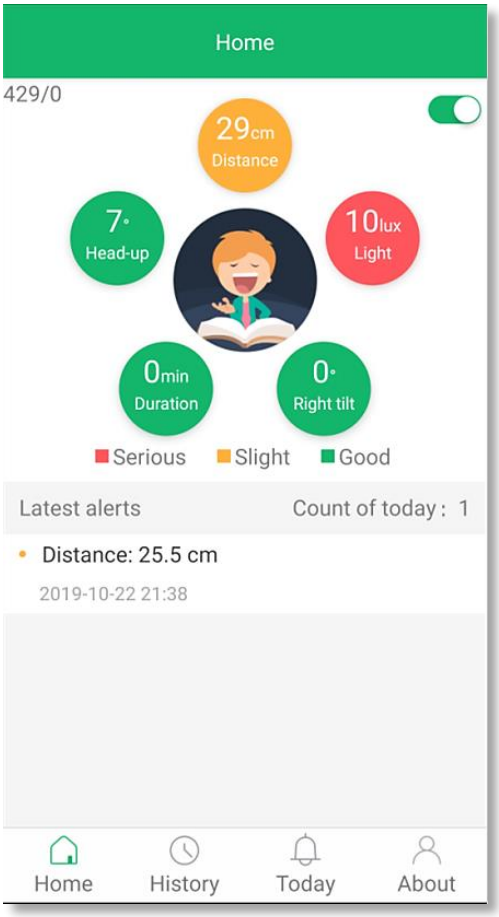
1. Use WeChat and other software to scan the App QR code of the instruction manual. Then choose to open it in the browser. Download app, then install it.

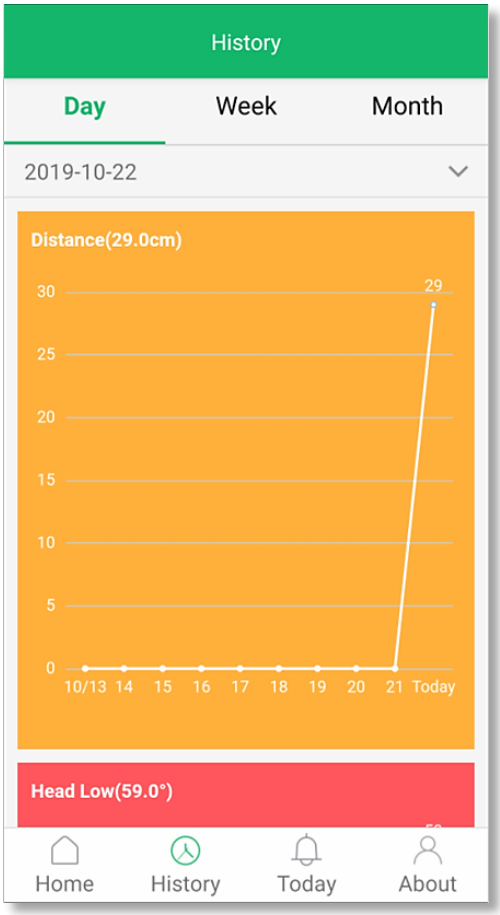
2.Enter the mobile phone setup interface and turn on Bluetooth

3.Turn on the smart glasses button switch, if it has been turned on, you need to turn it off before rebooting

4.Open app, app will automatically find and connect smart glasses, if the system appears Bluetooth matching request information, please confirm the permission, after successful connection, default display of main functions and data.

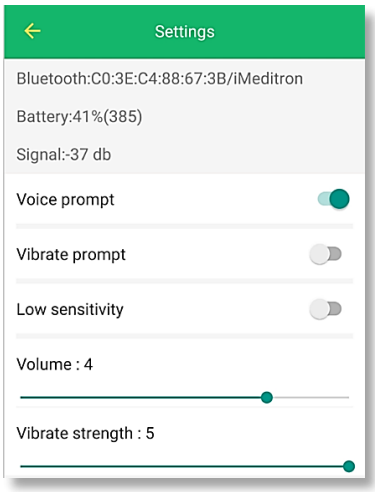
（P.S. if the Bluetooth connection is not successful and the App boundary is gray, please follow the above steps to repeat the operation!）



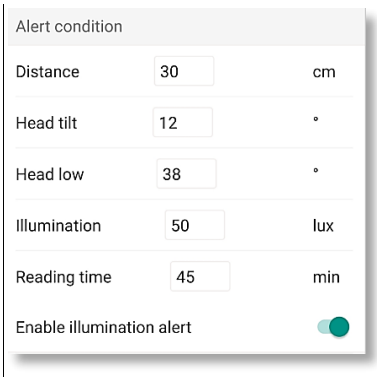


App settings：

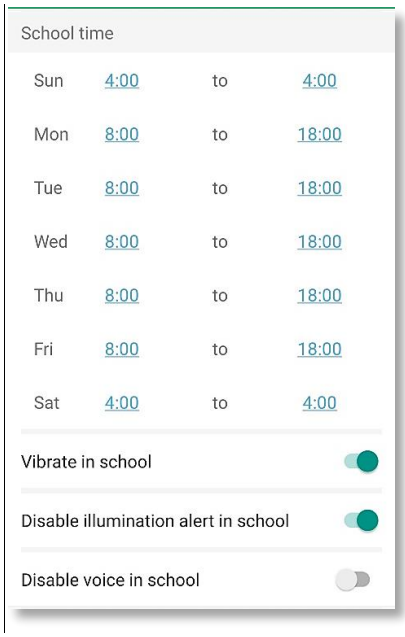
- You can set the display and reminder mode of the state of electricity and so on.
- You can set the sensitivity of smart glasses.



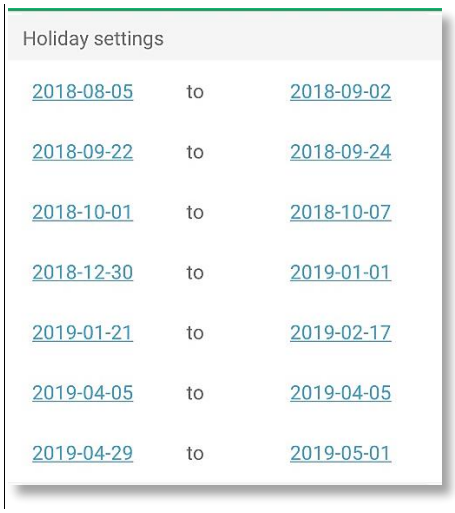
- Reminder conditions can be personalized



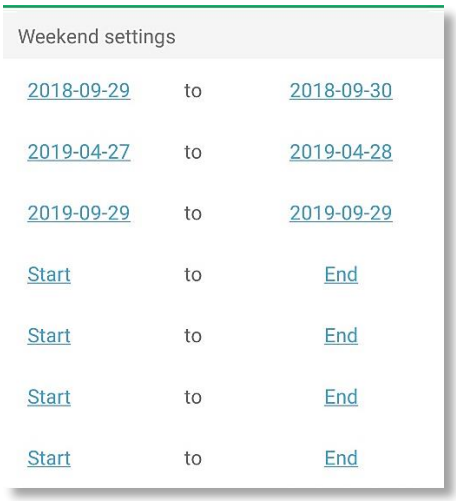
- Schooling Time Setting（Vibration reminder is adopted by default, and sound reminder is forbidden）.



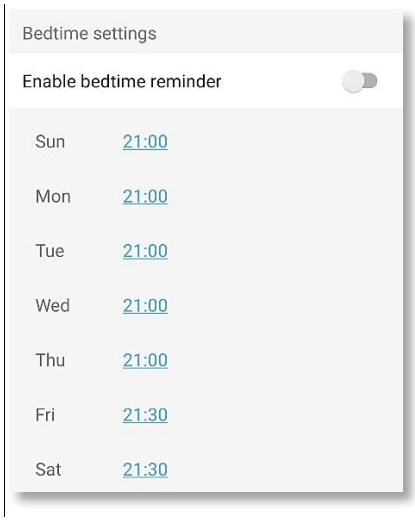
• Holiday time setting（The role of school settings and weekend class settings during holidays is blocked）.



• Weekend Class Time Setting（Vibration reminder is adopted by default, and sound reminder is forbidden）.



• Sleep reminder settings.



Product failure and handling table. ：

	Fault phenomenon	Terms of settlement
1	Shell cracks due to manufacturing defects themselves	Contact customer service and enter the after-sales service process after confirmation.
2	Orange light flickering	Method 1. Press the button for 3 seconds to shut down and restart. Method 2. After being placed for a period of time, the charger automatically restarts.
3	Orange light is always on	Method 1. Connect App and upgrade it in the air. Methods 2 and 3. The same way of orange light flashing was used.
4	Green light is always on	Use the same way as orange light flicker.
5	The charging red light is not on	Method 1. It may be that the battery is completely emptied after a long time of storage and can be recovered after a period of recharge. Method 2. It may be that the USB interface is wiped and cleaned with pure alcohol due to bad contacts such as stains, or that a USB cable or a charging power supply is replaced.
6	When charging for a long time, the charging red light is always on	Reasons 1. The battery has reached its service life after a long time of use. Contact customer service and enter the after-sales service process after confirmation. Reasons 2. Charging in boot state; Reason 3. Charging in shutdown state does not match the charger used. At this time, charging can be stopped as long as the charging time reaches two hours. Although the indicator light is always on, the actual battery is full.
7	Button not working properly.	Contact customer service, confirm and enter the after-sales service process; or switch working status through App.
8	The battery ran out quickly	Shut down and recharge several times to ensure that each recharge time exceeds 2 hours.
9	Unable to connect to App via Bluetooth	Method 1. Ensure that the mobile phone or tablet computer system meets the version requirements, and turn on the Bluetooth switch; Method 2. Restart the Bluetooth switch of mobile phone or tablet computer, turn off the smart glasses and then turn on.
10	When reading / writing, no alarms or alarms are too frequent	Method 1. Reboot after shutdown. Method 2. Connect App and set appropriate alarm parameters in App. Method 3. Connect App and install operation guidelines in App to re-calibrate the sensor for smart glasses. Method 4. Connect App and upgrade it in App.

Safe use：

When using or charging iMeditron smart glasses:

1. Put iMeditron smart glasses or accessories out of reach of young children and pets. Young children or pets may inadvertently damage these things, or swallow small parts to suffocate;
2. Keep iMeditron smart glasses in the product protection standard (IP53), not to be worn in the case of swimming, bathing, rainstorm and other water conditions, and operate buttons in the case of raining and sweating more;
3. Do not store and use in high temperature environment beyond the permission of this product. High temperatures can shorten the life of electronic devices, damage batteries, bend or melt some plastic parts.
4. Do not store and use in low temperature environment beyond the permission of this product. Low temperature will affect the normal operation of electronic devices and batteries, and when the normal working temperature is restored, the moisture may form in the product to damage components and electronic circuit boards.
5. Take it lightly and put it back into the eyeglasses box when not in use. Rough use may damage the internal circuit board.
6. Do not use water, irritating chemicals, detergents or detergents to clean eye-loving smart glasses directly. Soft cloth can be dipped lightly in detergent or alcohol solution without harmful substances to wipe iMeditron smart glasses.
7. Do not paint iMeditron smart glasses. Paint will block, stain lens glass, block moving parts and hinder normal use.
8. Don't put iMeditron smart glasses around heating equipment. For example, the inside or upper part of a microwave oven, oven or radiator. Eye-loving smart eyeglasses contain batteries and other devices, which can explode when overheated.
9. iMeditron smart glasses have light sensors and light indicators. Do not shoot too close to human or animal eyes. Otherwise, it may damage the eyes.
10. Do not try and replace any parts in iMeditron smart glasses by yourself. If smart glasses, batteries, chargers or accessories are not working properly, please send the product and warranty certificate to the nearest qualified maintenance department.

Warranty clause：

From the date of sale of the product:：

1. Within 7 days, a performance failure described in the Product Failure and Processing Table can not be recovered after self-treatment. Consumers can choose to return, exchange or repair.
2. Within 15 days, a performance failure described in the "Product Failure and Processing Table" occurs and can not be recovered after self-treatment. Consumers can choose to exchange goods or repair.
3. Within 12 months, a performance failure described in the Product Failure Table can not be recovered after self-treatment. Consumers can choose to repair or replace products of the same type and specifications at the expense of the repairman.

Tips：

It is suggested that you retain the original package for at least 15 days from the date of signing and receiving, and have obtained complete warranty service. In addition, according to the provisions of the three-package clause of national electronic products, damage or loss caused by man-made destruction, force majeure, non-use according to safe conditions of use, etc. It is not covered by the warranty clause.

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• The function, structure and intelligent algorithm of this product are protected by national and international patent law.

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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.

FCC WARNING STATEMENT

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

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