

智能眼镜

智能眼镜支持单点及滑动触摸控制，运动检测，语音通话，支持蓝牙连接。智能眼镜使用锂电池 4.2V 供电，通过各个降压 LDO 使各个系统达到工作电压。使用蓝牙 IC 作为一主控，RTL8762ESF 内置 2.4GHz CMOS 收发器，由 40M 晶振，蓝牙天线，组成 RF 模块，工作频率为 2.4G ISM 频段，实现无线连接功能。此外手机也可以通过蓝牙将音乐传输到眼镜播放。

←

而 V821 也作为一主控，负责显示器的控制，重力传感器的读取和保存。Gsensor 产生的数据，将换算成计步数据，保存到 MCU 内部 Flash 中。这些信息通过 RF 模块和手机进行通讯，通过 APP 实时显示。

The smart glasses support single-point and sliding touch control, motion detection, voice calls, and Bluetooth connectivity. They are powered by a 4.2V lithium battery, with each system reaching its operating voltage through step-down LDOs.

A Bluetooth IC serves as one of the main controllers. The RTL8762ESF integrates a 2.4GHz CMOS transceiver, forming an RF module with a 40MHz crystal oscillator and a Bluetooth antenna. It operates in the 2.4GHz ISM band to enable wireless connectivity. Additionally, smartphones can transmit music to the glasses via Bluetooth for playback.

The V821 also serves as a main controller, handling display control, as well as reading and storing data from the gravity sensor. The data generated by the G-sensor is converted into step-counting information and stored in the MCU's internal Flash. This data is then transmitted to the smartphone via the RF module and displayed in real-time through the app.

Federal Communications Commission (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. Note: 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.

Warning: Changes or modifications made to this device not expressly approved by

may void the FCC authorization to operate this device. Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device is installed and operated without restriction.