

Power7 Smart Visible Blackhead Remover specification



Make	Review	Issue
He pengfei	Huang bing	Zhang yanqiu

customer confirmation:

Make	Review	Issue

Version: 1.0.2

Release Date: 2020-02-22



深圳泰克威云储科技股份有限公司
POWER 7 TECHNOLOGY Co. Ltd.

1. product information

Product name	Smart Visible Blackhead Remover
Model	Godness
Suction range	50~60 KPa
suction source	vacuum pump
input voltage	DC 5V
Output video specifications	480P (640*480)
Compatible with mobile phone system	Android4.4/ iOS 9.0 and above
iOS app	TBD
Android app	TBD

2. product specification

2. 1 Product specifications

item		Specifications
vacuum pump	voltage	5.0V Max
	suction	-60 Kpa Max
	noise	60dB Max
camera	pixel	300,000
	resolution ratio	640*480
	white light LED	低有效, 4pcs 0603 LED
	Blue light LED	低有效, 4pcs 0603 LED
	port	DVP, 3.3V 供电
Wi-Fi	agreement	802.11 b/g/n, 1T1R
	frequency	2412-2462MHz
	transmission rate	802.11 b:1, 2, 5.5, 11Mbps; 802.11 g:6, 9, 12, 18, 24, 36, 48, 54Mbps; 802.11n(HT20): up to 72.2Mbps; 802.11n(HT40): up to 150Mbps;
	transmission distance	Greater than 10 m (visible area)
Working time		Wireless mode: 250 minute Non-wireless mode: 280 minute
USB Jack	DC IN	USB Micro-B, 5V / 600mA input
indicator light (1pcs white LED)	starting up	LED Light normally on
	charging	LED Slow light flashing, 1 second on 1 second off cycle
	fully charged	LED Light normally on



key	Power key	1 second long press: power on/off action, short press (greater than 100ms) after power on Switch the three suction gear and pause the cycle switch of the four modes;
	Function switch key	For the nursing mode/sterilization anti-inflammatory mode two modes circulation switch;
battery specification		18650 2000mAh 3.7V with PTC

FCC warning:

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

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.

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0cm must be maintained between the user's body, including the antenna. Third-party belt-clips, holsters, and similar accessories used by

this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna. The highest SAR level measured for this device is 0.48W/kg (Head)



深圳泰克威云储科技股份有限公司
POWER 7 TECHNOLOGY Co. Ltd.

The power consumption	Power off: < 200uA working: < 2W
Operating temperature/humidity	5~35°C / 10~90%RH
Storage temperature/humidity	-20~45°C / 10~90%RH

3. Introduction to working mode

1. Switching order of working mode:

A. Mode key switching order:

1. Connect to mobile phone APP: visual care mode → bactericidal and anti-inflammatory mode → visual care mode; 2. Mobile phone disconnected: non-visual nursing mode → bactericidal and anti-inflammatory mode → non-visual nursing mode;

B. In case of mobile phone connection: 1) Enter visual nursing mode by default; 2)

Manually switch to the sterilizing and anti-inflammatory mode;

3) Vibration reminder for 5 minutes;

2. Visual care mode: enter the mode when connected to the mobile phone, turn on the vacuum pump, camera and white light-filling LED, and send the video to the mobile APP to check the blackhead suction process. You can take photos or record videos in this state;

3. Non-visual nursing mode: in the state of not answering the phone, it will enter by default. The vacuum pump blackhead suction nursing mode will be turned on, and the camera will not work (the light-filling LED will not be turned on by default);

4. Sterilization and anti-inflammatory mode: the working time of this mode is not limited. The motor stops working and blue light is turned on by default for sterilization and anti-inflammatory;

5. Overtime reminder in nursing mode: in the nursing mode, after the motor has worked for 5 minutes, a prompt box will pop up on the mobile APP to prompt consumers to pay attention to the care time so as to avoid skin damage. The vacuum pump motor stops for 500 milliseconds and works for 500 milliseconds and circulates for 3 times to remind consumers when it does not take over;

4. 1 Definition of suction tap of nozzle

Mode	work gear	PWM duty cycle	Suction range (KPA)
Slight suction	1	50%	≥ -45
Standard suction	2	60%	≥ -50
Powerful suction	3	75%	≥ -58

