

Kids Ai Oral Camera

Specification

v1.0

version	date	Revise content and record	issuer
V1.0	2023-06-01	new	李上海

1. Company Profile

Zhuhai Aicreate Medical Technology Co., Ltd. is located in Tangjiawan Hi-Tech Industrial Development Zone of Zhuhai, a beautiful seaside city.

With nearly 20 years of multimedia image technology precipitation and decades of Internet experience, the company focuses on the research and development of medical image and AI image recognition technology, aiming to apply multimedia image algorithms and AI recognition technology to dental and other large medical and healthcare industries.

The company adheres to the corporate values of technological innovation and quality first. It currently owns nearly 20 product patents and passed the National High-Tech Enterprise in 2018. It has obtained ISO9001 quality certification system, ISO13485 medical quality system certification and intellectual property management system certification. Among them, the self-developed Cloud Intelligent Oral Endoscope has been recognized as a national high-tech product.

The company expects to bring more professional medical imaging products and services for the digitization of the medical industry by relying on its own advantages in technological innovation and combining the Internet and intelligent medical care.

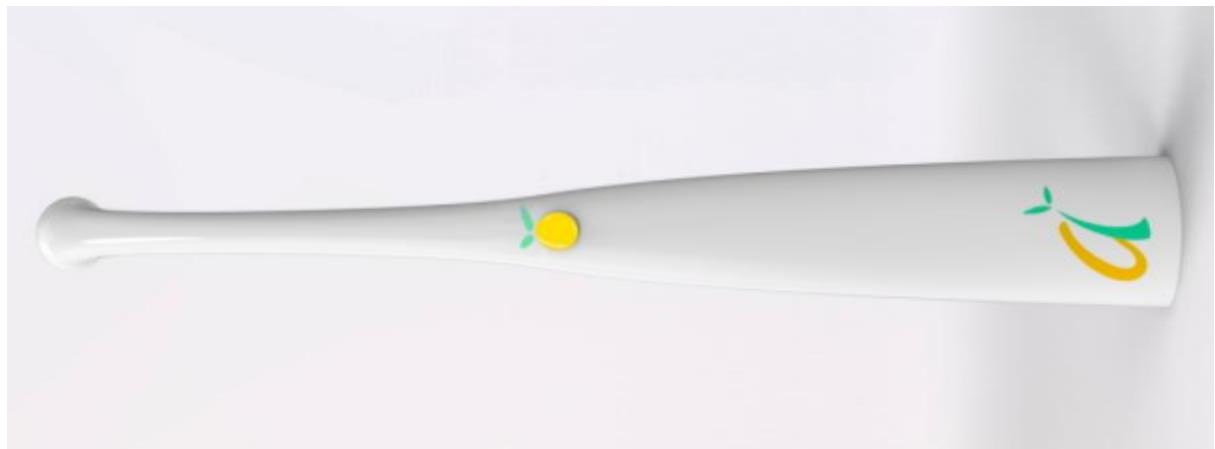
2. Product Description

This kids' AI oral mirror, using low-power image processing module, 2.4G video transmission technology, real-time recognition technology of dental lesions, WiFi transmission distance up to 10m, so that the whole image transmission is stable and smooth;

You can install and use the Uteeth software on your smartphone, integrating real-time inspection, AI assessment report, clinic, community and other functions.

3. Product Appearance:

3.1 This kids' AI oral camera adopts industrial UI design, its injection molding is made of ABS+PC food-grade materials, polished, UV and silkscreen surface treatment, with mechanical button key.



4, product structure:

4.1 The overall size of the handle is 220mm*28mm*24mm, the error is $\pm 0.5\text{mm}$; the lens is sealed with glass, waterproof and dust-proof; the gross weight of the product is 35.4g;

5.Battery: 3C certified, in line with GB/T18287-2013,

5.1 Built-in lithium polymer battery 3.7V/500mAh;

5.2 Standby time about 2.0H;

5.3 Charging with TYPE-C interface, full about 2.0H;.

6.Lens: HD Macro.

6.1 Pixel: 2MP;

6.2 Size: 1/5 inch CMOS sensor, 6*6*3.8mm;

6.3 Depth of field: 20mm-35mm;

6.4 Viewing angle: 68 degrees;

6.5 Lamp beads: 10 LED lamp beads, white light standard color temperature 5500K;

7. image: clear and without defects

7.1 Image: 1280*720P, JPG format;

7.2 Support anti-shake

8. Key:

8.1 Silicone keys;

9. Transmission:

9.1 Use 2.4G WiFi channel to transmit image video data with continuous connection;

9.2 Effective transmission distance up to 10m;

10. Product Function

No.	Camera handpiece	Functions discription
1	LED backlight	1.10 LED, white color color temperature 5500K
2	lens	1, depth of field: 20-35mm; 2, image sensor: 1/5 inch CMOS sensor
3	Indicator	1, blue light: constant light indicates that WiFi is connected successfully, normal use;Slow flash means no WiFi connection. 2.Red light: slow flash indicates that it is charging; constant light indicates that it is fully charged; off indicates that the charging is complete.
4	button	1. Power on: Long press 2s to turn on the power. 2; 2.Shutdown: Long press 6s to shutdown; 3.Photo: when previewing the image, press lightly to take a picture; 4.Return: After taking a picture successfully, when playing the missionary video, lightly press to return to the preview image;
5	Battery	1, capacity: 500mAh; 2, standby time about 2.0H.
6	TYPE-C port	1, charging interface: no direction charging interface, full about 2.0H
7	Uteeth app	Scan QR code to download android version app



11.Operation

- 11.1 Scan the code to download and install, and complete the registration according to the prompts;
- 11.2 After successful registration, run and login the app Uteeth;
- 11.3 Press and hold the handle to turn on the device, the blue light will flash and wait for connection;
- 11.4 In the APP home page, click "oral self-test", enter the WiFi selection, select Wifi: "Aicreate_*****", password: 12345678, connect successfully, return, you can check;
- 11.5 Press the photo button, take a picture, after taking a picture, the system will automatically identify the disease and play the educational video; press the photo button again to revert to the dynamic picture mode, select other parts to continue taking pictures;
- 11.6 After taking photos, exit the oral self-examination menu, click "AI evaluation report", you can view the inspection report just now;
- 11.7 Community Functions: You can post questions and exchanges. Support replying, following and liking. Support posting visible posts.

Scope selection. Increase points for posting and replying;

- 11.8 Nearby clinics, including, clinic introduction, clinic preferential activities publicity. Support for general users directed to consult, consultation appointments;

11.9 Health: love teeth punch card, click punch card, plus points. Record health every day. Love teeth encyclopedia, support oral encyclopedia knowledge retrieval, learning. Empower the oral health of all people;

- 11.10 My function, you can view points, equipment, fans, attention and other functions;

12.Working environment

Transportation and storage such as in a bad environment may reduce the service life and lead to poor work. It is recommended as follows:

- 12.1 Working temperature: -2°C-55°C;
- 12.2 Relative humidity: 0%~93%;
- 12.3 Atmospheric pressure: 50~106kpa;
- 12.4 Well-ventilated, non-corrosive gas indoor.

13.Service life:

- 13.1 The service life of the product is 3-5 years.

14, contraindications:

Do not place with flammable, poisonous, corrosive and explosive materials.

Note:

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.

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.

The device has been evaluated to meet general RF exposure statement.

The device can be used in portable exposure condition without restriction