

Intraoral Camera

User Guide

Model:TR-ICS01

U disk storage and play
WiFi connection
Image HD
Distinctive One in one
hand drawing design



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1、Introduction

(1). Product introduction

Dear customer:

Thanks for your purchasing our company's product. You could observe and photograph inside the oral cavity with it. The functions are including capture and storage. It can be controlled through VGA monitors or computers. It's convenient for dentists and improving their working efficiency.

(2). Standard fittings

Screen	1pcs	HD Camera	1pcs
D C 12V 5A Plug	1pcs	Handle wire	1pcs
Remote control	1pcs	Handle bracket	1pcs
Disposable handle bag	50 pcs	Instructions	1pcs
U disk	1pcs		

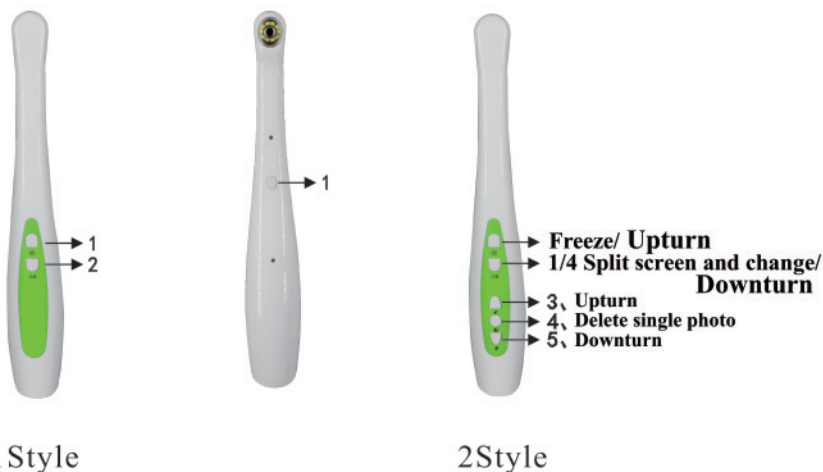
(3). Technical parameters:

Compression Format	Embedded Linux operation system
Display Modes	FULL Channel,4 Split
HDMI Resolution	1080p@50Hz
Intelligent function	Prevent dithering, Anti-alias edge
System Operation	Remote Controller
Backup	USB device backup
Storage capacity	Machine : 50 pic USB : 10000 pic
Environment	Operating Temperature : 0℃ ~ +55℃ Operating Humidity : 10% ~ 90%
Power dissipation	< 30W
Support formats:	AVI, MP4, MPG, other formats need to be converted with "format factory" software

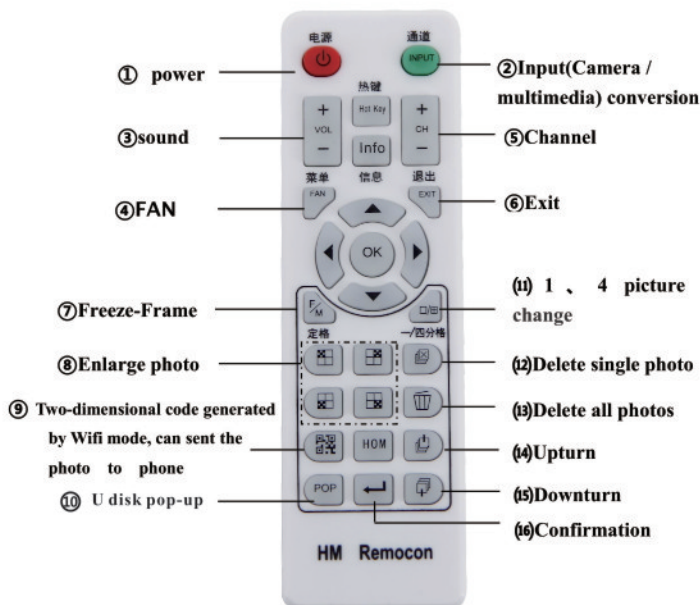
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2、Function Operation

(1) Hand shank



(2) How to Use the Remote control



Point the remote control to the receptor of IR

3、Operation

- (1) Turn on the LCD, the LCD indicator lights. After 10 seconds, the LED lights on the hand level turn on, and the image is displayed fully on the screen.
- (2) Press the first button on the hand level to save or release the positioning images.
- (3) Press the second button on the hand level to divide the screen image to 4 separate frames. The images will be recorded in sequence if you press the first button again.
- (4) Press the first button on the hand level for 3 seconds to turn camera off. The camera will turn on if you press the first button again.
- (5) Press the second button on the hand level for 3 seconds to play the recording images .At that time you can use two buttons to play the recording backwards and forwards ,and browse the images. With another press the second button on the hand level for 3 seconds to return the original image.
- (6) Without U disk, images are saved in the system. When power off, the images will loose.
When insert U disk, images are saved on the U disk. Before pull out U disk, please press button ⑩ of remote control, and then pull out U disk, avoid directly pull out case video missing.

(7) Function keys :

④Used to set the image mode, contrast, brightness, color, hue, etc.

②Input (photo/multimedia change) key usage:

A: "photos" steps: "storage" on screen backside inserted U disk, press "②" button to select source (video, HDMI, computer, multimedia) to confirm "HDMI".

B: played "multimedia" steps: "play" on the screen backside inserted U disk, press "②" button to select source (video, HDMI, computer, multimedia) to "multimedia" then confirm and choose to play music or video images, after confirmation display C then can enter the related content.

⑨ this key could send picture to mobile and computer , the operation steps are as followings:

1) The step of sending picture to mobile: (Premise Status: After taking pictures with handle → press ⑨ key → QR code will appear in the screen)WiFi account will appear in the bottom of screen after open camera, chose "Settings" in your mobile → wireless network → select network: connect the HM-WF wifi account "AMCAP-XXX" → by browser or WeChat "scan QR code" → Scan the QR code → the fourth picture will appear on the mobile (press picture for seconds to save it).

2) The step of sending pictures to iPad or computer:

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Setting the network of Ipad or computer : Connect the wifi account “HMCAP-XXX” which appears in the bottom of HM-WF camera → Install and click into the “XSJClient-S” system at first,run this software ,and then chose “Device control” ;you can take and save them in your Ipad or computer ; chose “Goto” to pictures.

4、 Solutions of simple hitches

You can operate according to methods below when the product does not work .You can contact with dealer or our company when you can't solve it.

Item	Presentation	Solution
1	The monitor does no display	Check if it's connected to the power supply correctly.
2	Computer /monitor shows no image	1. Check if positioning device is connected with computer or monitor correctly. 2. Check if the driver program is installed and the attribute set correctly.
3	The image is slightly fuzzy	It is a normal phenomenon of heating itself if you use it for the first time.
4	The frame is twinkling after freezing	1. The hand lever must be kept still when freezing. 2 You can practice for more times if you are unskilled.
5	There are stains on the pictures on the computer / monitor	Check the surface of monitor or lens clear or not, you can wipe off the dust with a clean cotton swab.

5、 Notice

- **Please read carefully this notice before you use.**
You should keep this manual for later query.
 - ▶ Do not let sharp, metal and liquid into or touch signal connector in order to protect it.
 - ▶ Cut off power supply if you do not use.
 - ▶ Do not disassemble any part of the product.
 - ▶ Do not press it.
- **Power supply**
 - ▶ You should use appointed adaptor.
 - ▶ Cut off power supply if you do not use it.
 - ▶ Do not use the power line, plug or socket damaged.
 - ▶ Do not press the power line or signal connection line.
 - ▶ Do not let the power lines or signal connection lines exposed in gangway lest the lines would be trampled.
 - ▶ Do not put the power line or signal connection line in damp place.
- **Surrounding environment**
 - ▶ Place the product in dry and ventilated surroundings.
 - ▶ Do not deposit the product in extremely cold, extremely hot, extremely damp or dusty environments, or places with direct sunlight.

Remark:

Turn the positioning device and LCD off when you do not operate the system for a long time. If you do not use the camera for half an hour, it will power off automatically.