MD 1030

1080P HD USB Dental Camera

User Guide

To attain the best image results, please read and follow the manual carefully before use.

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⚠️ Important maintenance instructions

1. Please use a disposable sheath for every patient, and replace it between patients and operations for best hygiene control.

2. Store your camera with a sheath on to protect the leans from dust particulates.

3. Do not spray your camera with air, water, or other fluids directly on lens or lights.

4. Do not submerge or autoclave.

5. Avoid using cleansing products with dichloroethylene, methylene chloride, trichloroethylene, cetones, or chloride hydrocarbons which can damage plastic.

6.For disinfecting, use a mildly damp towel or towelette with a low concentration alcohol based cleaner. Wipe the entirety of the camera (Handpiece/Cable) while avoiding contact with the lens or lights.

* Failure to follow these directions can lead to fogging of your lens and lower image quality. Failure to follow these directions will void your warranty.

⚠️ Instructions for using sheaths

1. Make the LEDs and lens of the camera facing down and insert the camera under the blue label opening of the sheath .

2. Push the camera into the top of the sheath and keep the sheath close to the camera.

3. Tear off the top and bottom protective paper from the sheath. The camera is ready for normal use.

2.Dental Camera description

Autofocus Lens allows the user to concentrate on the patient and maintain a clear image, the MD1030 allows full user flexibility. Lightweight, with bright LED Light, Adjustable Zoom and Brightness, and selective resolution (Pixel Density) to reach the best results for any user.

3.Product accessories

1. Handset   1PC
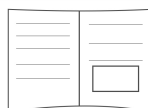
2. Camera sheath   50PCS
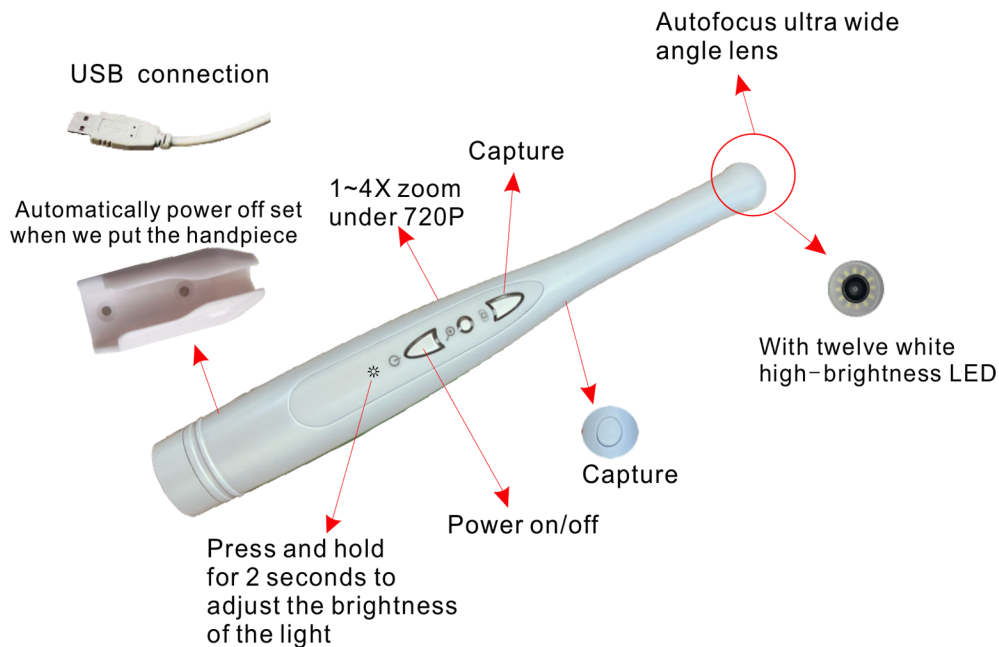
3. Handset holder   1PC

4. Cable   1PC

5. 128MB U disk   1PC

6.User manual   1PC

4.Function elucidation

Autofocus ultra wide
angle lens

USB connection

Capture

1~4X zoom
under 720P

Automatically power off set
when we put the handpiece

With twelve white
high-brightness LED

Capture

Power on/off

Press and hold
for 2 seconds to
adjust the brightness
of the light

Connection schematic drawing

Remark:

The machine need to connect with USB interface behind the host computer motherboard based USB2.0 , Advise to use USB 3.0 for better reaults .please do not use front-end USB interface, because most of the host front-end is USB1.1, the picture image occur poor quality and unstable.

5.Schematic diagram of handle combination splitting

Connection: Please ensure the cable connection and the camera base are aligned before inserting the cable. There are 6 Pins and a Notch - The notch can be lined up both ends.
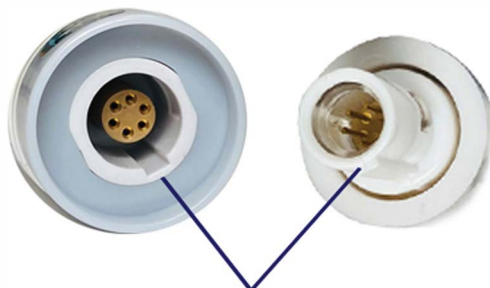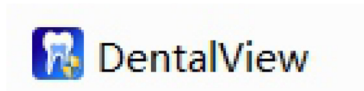
Please align both ends before inserting
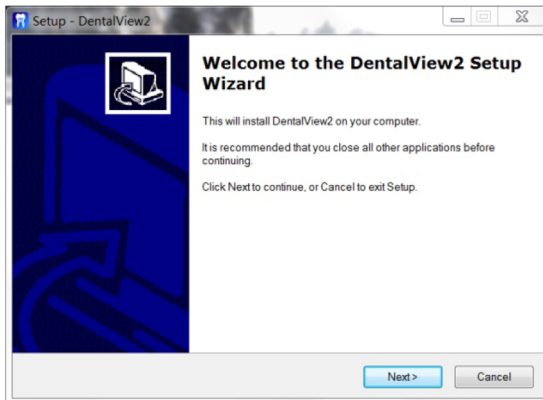Cable into handpiece.

**Hold When
Removing Cable**

Do not remove the cable by pulling the lead. Please hold the collar of the cable end to remove the lead from the camera.

6.Software installation instructions

Insert the CD to the CD-ROM.Find the"DentalView.exe" file. Double click it to install
the software.

Click "Next"

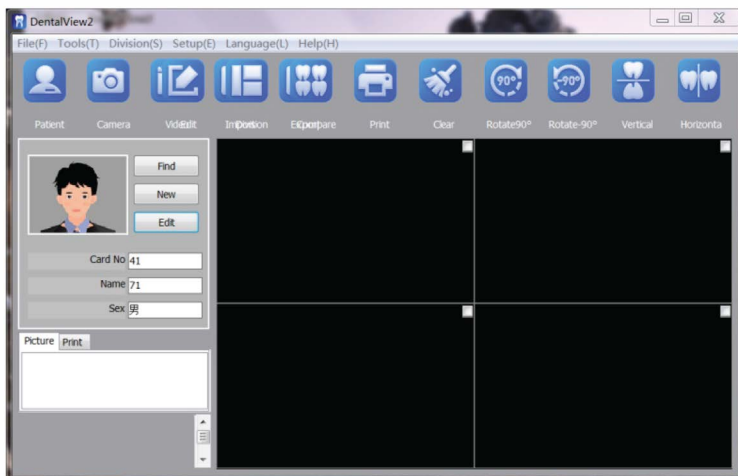Follow the Set Up steps - Then Click "Finish" to complete installation

7.Software instructions

After installing the software, a icon will be created on the desktop.
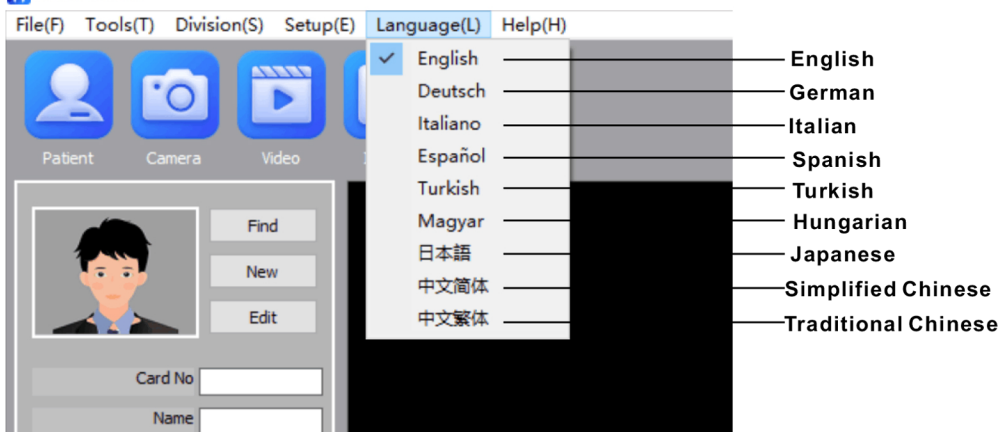

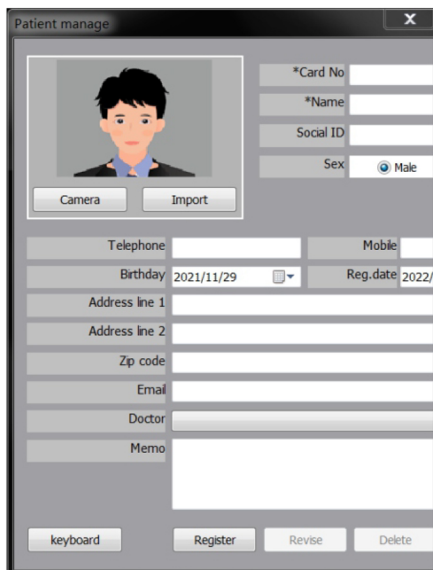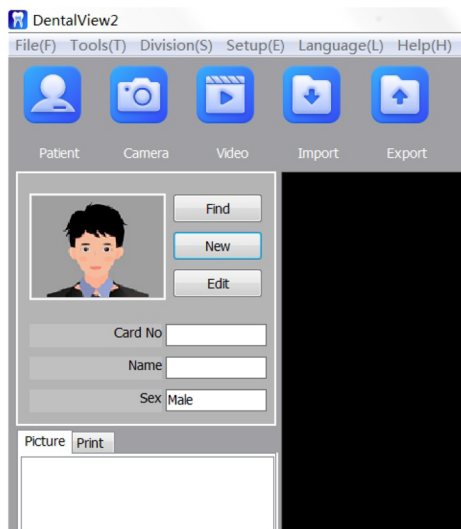Double-click the "DentalView" icon to enter the software system.
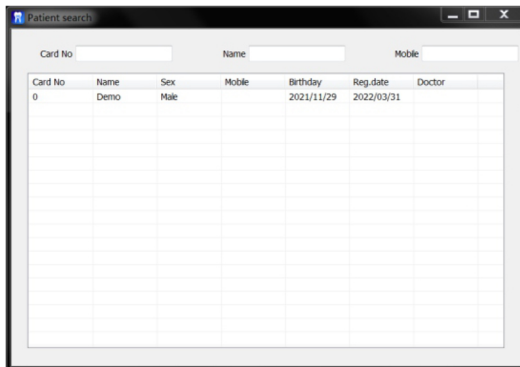
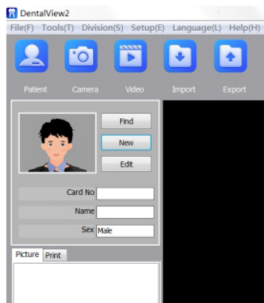Please click "Language" to select the desired language version.
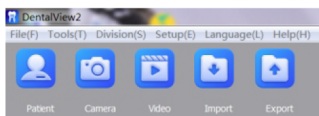

Please click "New" to add the patient profile.

Note: For registered patients, you can click "Find" to search the patient and double-cick it enter the system. Or click [Edit] to edit or Delete patient's intormation

Click the "Camera" icon to enter the photo window.

Make the camera focus the patient's teeth. Press the capture button of the camera or click the capture button on the software to take photos. As the below:
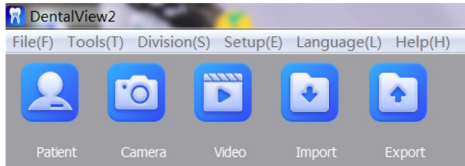

Video source selection

Pixel selection

Single/four pictues display

Capture the pictue

Close the current window

How to recod video

Click the "Video" icon to enter the video window.

Make the camera focus the patient's teeth. Press the capture button of the camera or click the Video button on the software to recod video. As the below:

Video source selection Pixel selection Recod video
First click to start recording
Second click to end the recoding

Close the current window
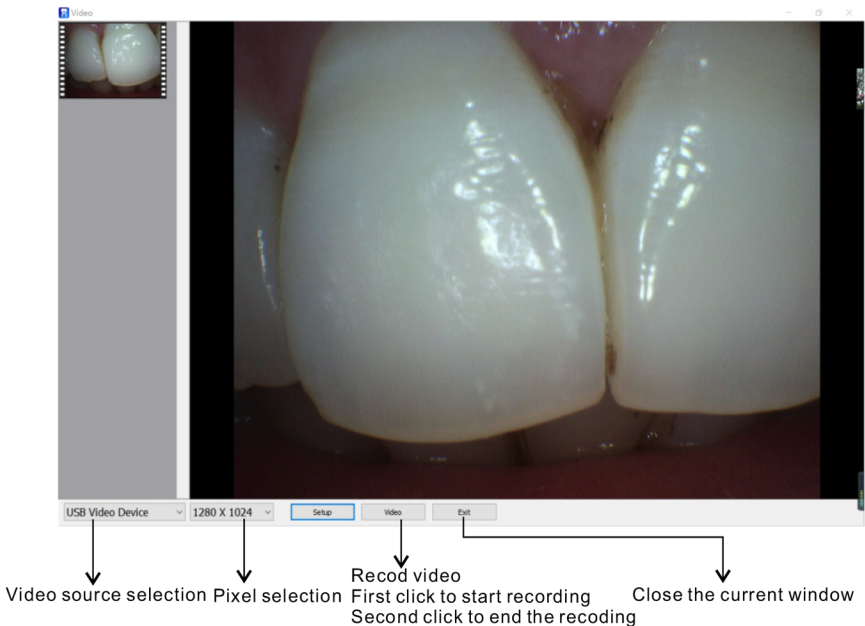
After the photo/recording is taken, close the photo/recording window. In the lower left corner of the software, you can see Photo/Video.
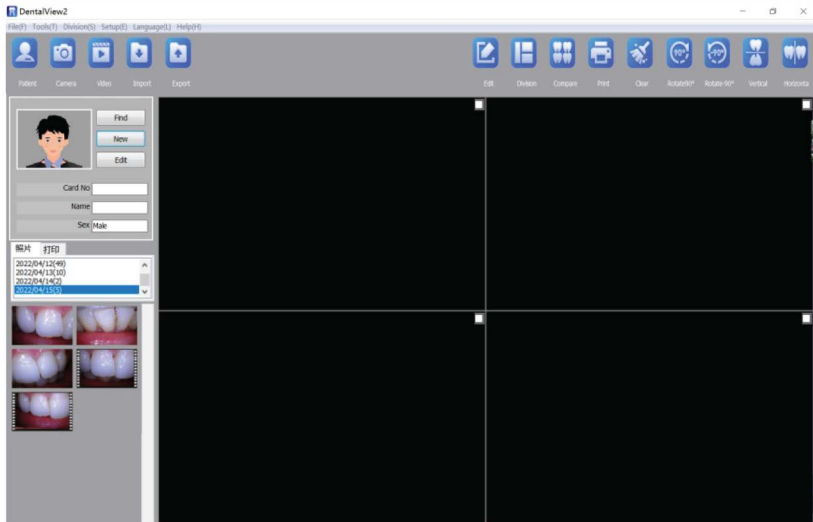
Double-click the photo in the lower left corner to enlarge the preview on the right.

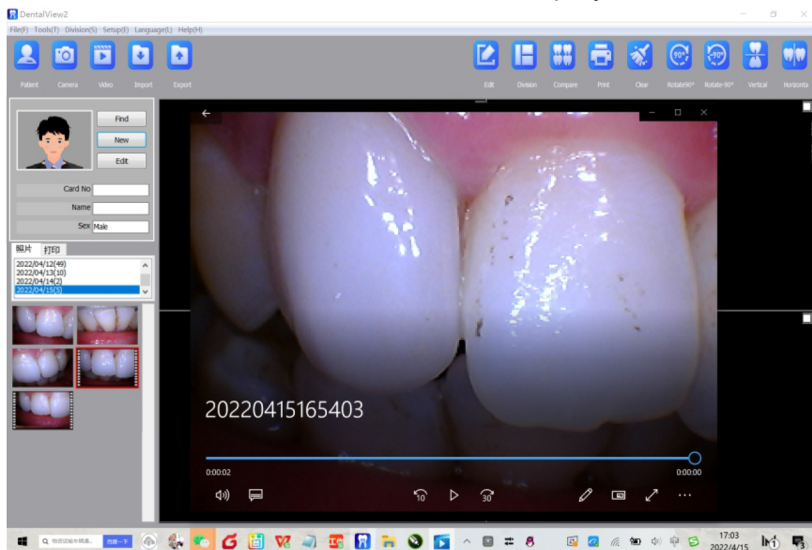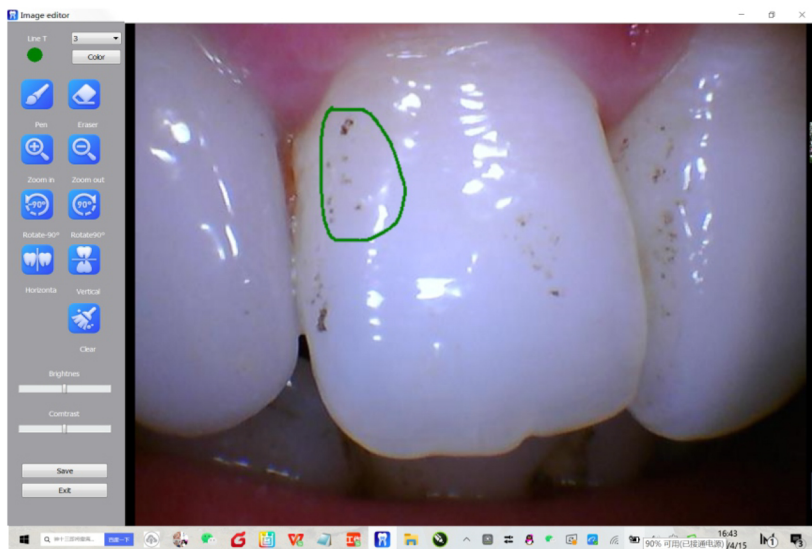Double-click the video in the lower left corner to play the video.
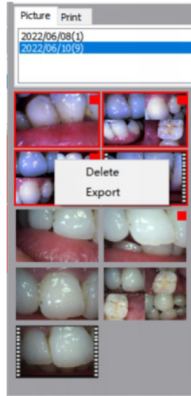

Double click the right picture, into the edit window.

We can adjust or mark the picture.

Select the pictures or video in the lower left corner, and right-click the mouse to delete or expro it.

Select the picture on the right which we need, and click Print to pint it.

Select the pictures you want to print
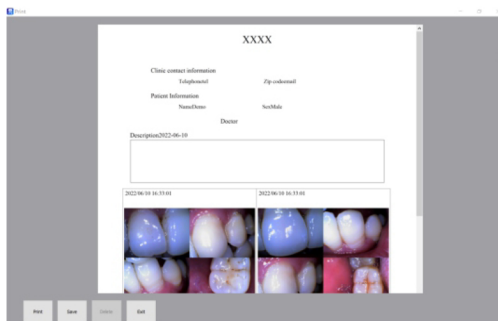
Print the case report

8.Product specification table

Specification	MD 1030
Power	DC 5V±0.5（Power provided by computer USB port）
Image sensor	1/3" CMOS
Image resolution	1920x1080 Pixels 1280x720 Pixels
Lamp	12Pcs White LED
Accumulation point	3~60mm
Photographing visual angle	80°
Length of handset	205mm
Cable	Length:2.5m connect port:5 pinhole
Weight of handset	30g

9.Simple troubleshootin

You can operate according to method of hereinafter when the product does not work You can contact with dealer or our company when you cannot solve it.

Item	State of hitch	Solution method
1	Turn on and the host no display	Check power supply socket connection ok or not.
2	Computer/TV has no image	1.Check if main body is connected with computer or Tv correctly. 2.Check if driver program of computer is installed and attribute is set correctly.
3	The image is slightly fuzzy	It is normal phenomenon of heating itself if you use it for the first time.
4	The frame is twinkling after freezing	1.The handset must keep still when freezing. 2.You can do it again and again if you are Unskilled.
5	The picture of computer/TV has stain	1.Check the surface of monitor clear or not. 2.Check the surface of lens clear or not You can wipe off the dust by clean cotton swab. 3.please contact with us if you cannot solve it by above method.

10. Precautions

Please read carefully attention before you use the product, and should stow for later query

⚠ Camera Blur

1. Please use the sheath for every time of use. This will protect the camera lens, and avoid of foggy, and it can extend the lifetime of the device. There is only 50 pieces sheath in every package, please buy more from the original seller if you have used up of the sheath.
2. Please do not use sharp, metal or liquid insert or touch signal port, in order to avoid short circuit and product damage.

⚠ Connection

1. Please power off the machine before connection the cables.
2. Please don't let sharp thing, metal or liquid into or touch the cable connector, in order to circuit and product damage

⚠ Power

1. Please use the power supply with the package.
2. Please cut off the power supply if you don't use it for a long time.
3. Please don't use the machine if the power supply damaged.
4. please don't compress line of power supply or signal connection line expose in gangway.
5. Please don't put the power supply line pass the walkway.
6. Please don't put the power supply in damp place

⚠ Working environment

1. Please put the product in dry and ventilated place.
2. Don't put the product in super-cooling, super-hot, super-damp, direct-irradiation, dusty place.

⚠ Disassemble

1. Please don't disassemble any part of the product by yourself, or it will out of warranty.