

MedFruition

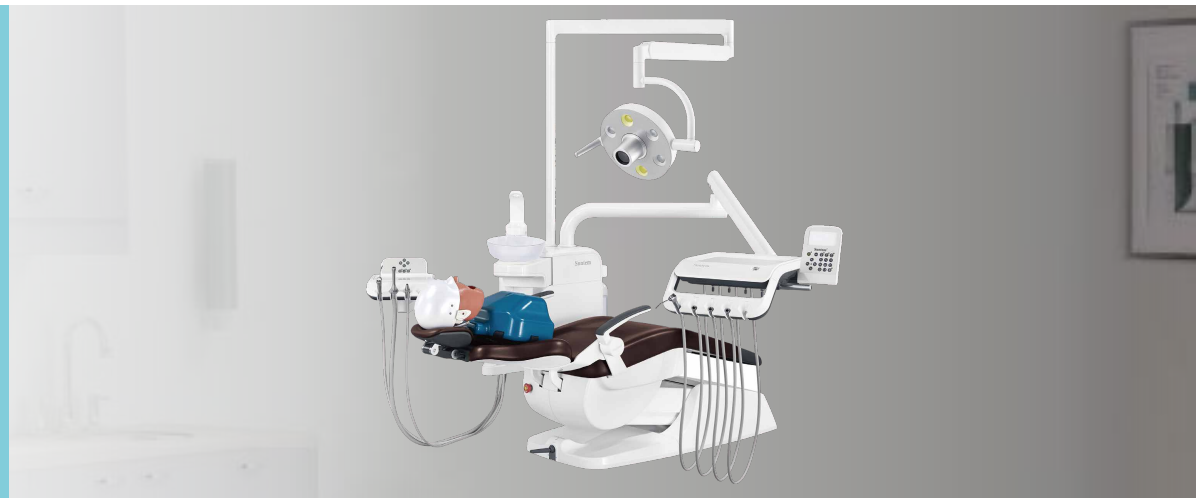
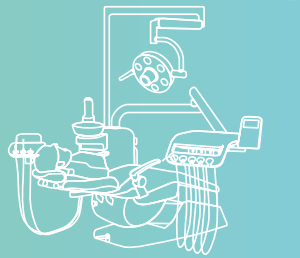


Dental camera recording system

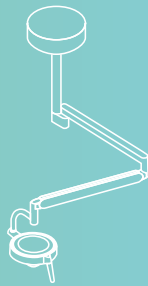
Safe · Durable · Elegant



**Dental camera recording system
chair mounted**



**Dental camera recording system
ceiling mounted**



**Dental camera recording system
with mobile trolley**

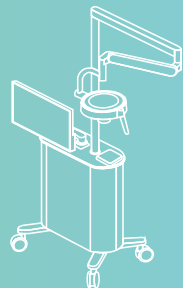
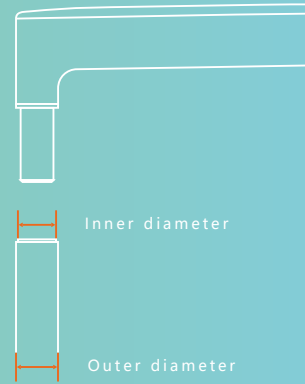
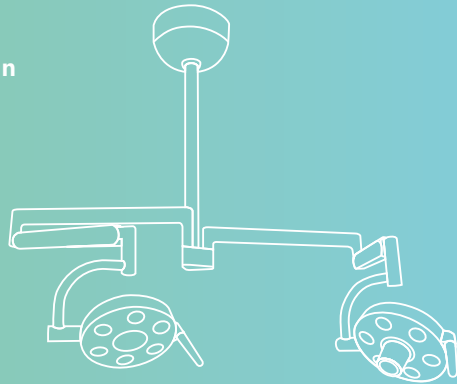




Diagram of chair-mounted connection part measurement



The ceiling mounted version can be upgraded to double light mode



Remotes and Storage Devices



Dental camera recording system Technical parameter

Classification	Items	Standard configuration parameters
Parameters of Camera	Resolution	Full HD 1080P (4K Optional ①)
	Zoom	Optical 30X
	Range of focus	Between 450mm-1000mm
	Focus function	Auto focus and manual focus
	Functions of remote control	1. To take photos and video 2. Can switch between auto focus and manual focus 3. The focus can be moved forward or backward manually 4. The exposure can be reduced or increased manually 5. Manual control of white balance
Parameters of Storage device	Video format	MP4
	Picture format	JPEG
	Video output 1	HDMI output
	Video output 2	Network streaming media output supports RTSP protocol
	Standard configuration storage	128GB, 1080P Recording Length 10 hours
Maximum Storage Capacity	No limits. Storage devices over 2T should be partitioned ②	
Parameters of Lighting	Light source	4 white LED lights and 2 yellow LED lights. Optional 6 white LED lights.
	Illuminance	Adjustable from < 8,000 to > 40,000lux (4 white lights and 2 yellow lights) Adjustable from < 8,000 to > 60,000lux (6 white lights) acc. to ISO 9680
	Illuminance area	90mm×180mm@700mm
	Color temperature	5000k±10%
	Color Rendering Index (CRI)	Ra≥90, Rf≥90
	Light on/off control	Non-touch sensor/Remote control
	Brightness control	Non-touch sensor/Remote control

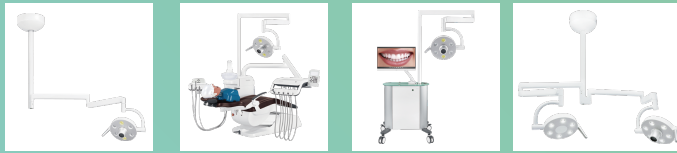
Notes:

- ① For the specific parameters of 4K products, please consult salesman.
- ② Because the file format of general storage device is FAT32 and NTFS, its maximum capacity is 2TB. If it exceeds 2TB, it needs to be partitioned. If the storage device exceeds 2TB and does not want to be partitioned, it needs to be formatted as exFAT

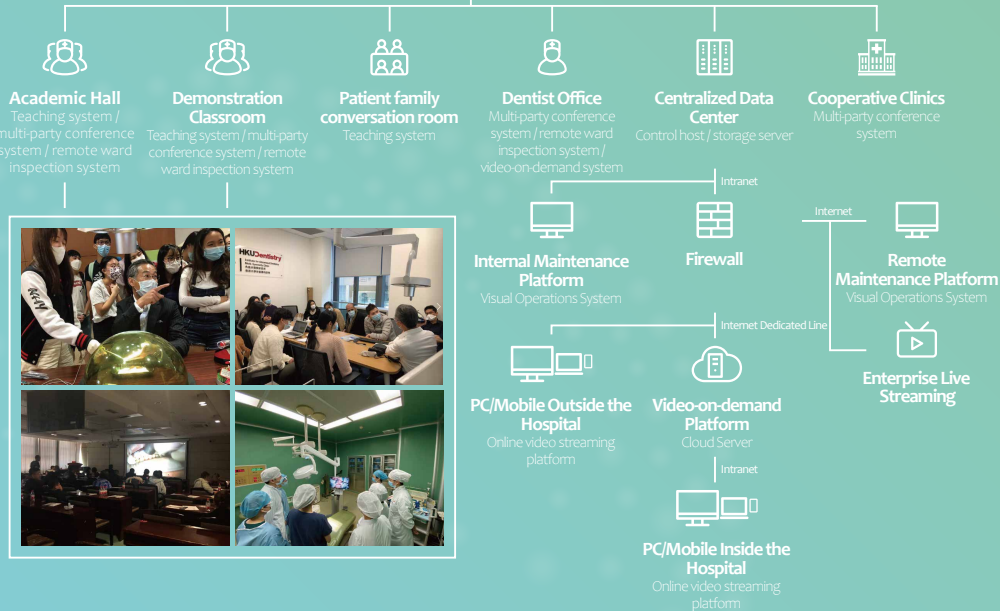
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Solution



Application Scenarios



Connection Diagram

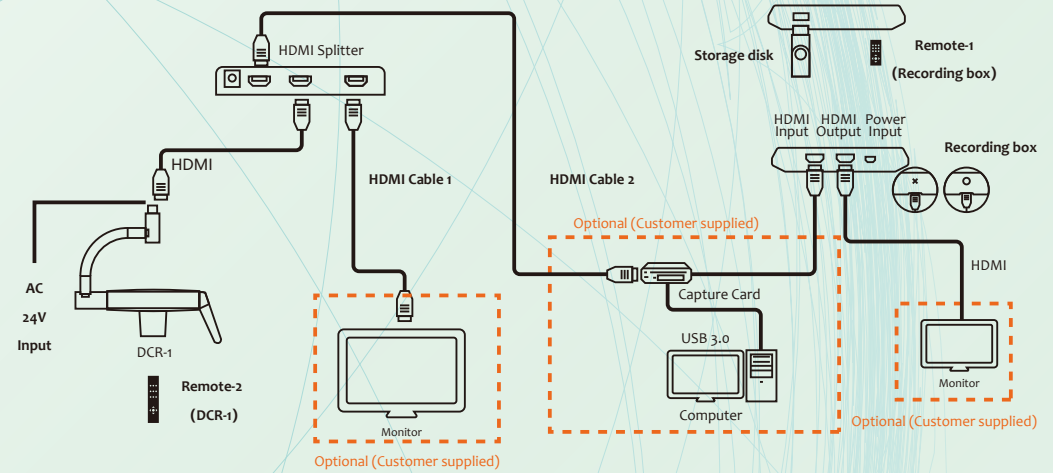
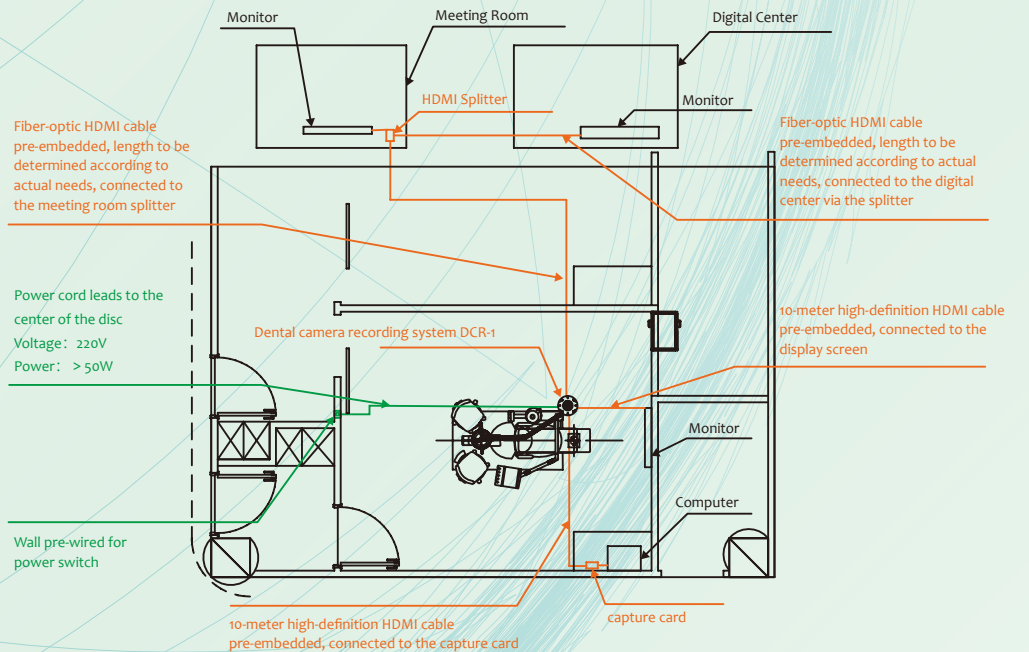


Diagram of Clinic Installation Plan





1080p
HD

1080P HD (4K Optional), Optical Zoom 30X

Our Dental Camera Recording System is designed specifically for dental applications, with high-quality optical lenses and Sony sensors that offer 1080P HD resolution (with 4K optional) and 30X optical zoom. The system is capable of autofocusing within a range of 450-1000mm, transmitting full HD images that highlight details that might otherwise be difficult to see with the naked eye. This optimization of the surgical environment enhances the precision and accuracy of dental procedures.



Live streaming

The system supports photography, video recording, live streaming, and remote consultation, making it ideal for academic conferences, university lectures, and daily studies. The Dental Camera Recording System provides dentists with a comfortable monitoring distance, allowing them to share high-definition images and videos synchronously anytime and anywhere. *It requires third-party software and platform support.



High Standard Dental Light

Our high-standard dental lights are produced without stroboscopic effects and with industry-leading color reproduction, and are designed to meet the standards set forth by the Dental Light Standards Committee, for which MedFruition Electronics is the drafting organization.



Easy to Use

The product is designed to be easy to use, with no need for complex settings. The system automatically adjusts parameters according to the actual environment, outputting accurate images that satisfy your needs and are convenient for dentists' professional operations.

MedFruition

Our Dental Camera Recording System has a stylish and concise appearance, which allows it to capture even the smallest details in the working area during dental procedures. With the ability to share HD images and videos, this system provides convenience and maximizes the effectiveness of dental operations.

The product includes an LED dental light with a 1080P camera, a light arm, a recording device, and remote controls. When the dental camera is powered on, the hand-held remote control can be used to zoom in, zoom out, take pictures, record videos, and open storage folders.

Additionally, the system supports live streaming from anywhere and at any time, using either HDMI cable or internet connection. This makes it ideal for remote consultations.

*It requires third-party software and platform support.

Overall, the Dental Camera Recording System is a versatile and convenient tool for dental professionals, providing them with the ability to capture high-quality images and videos, share them easily, and enable remote consultations.

Company Introduction

MedFruition Electronics Technology Co., Ltd. is an ISO 13485 certified company, awarded the title of National High-Tech Enterprise and founded in 2011. We are committed to developing high-quality medical products through precision manufacturing, customer-centric R&D, and quality control.

Our areas of expertise include the development of advanced optical parts, dental lighting, and dental image recording products. With a focus on identifying market demands and utilizing our knowledge in optical design, development, and manufacturing, we are continuously expanding our product line to provide our customers with well-designed, high-quality, and reliable products.

At MedFruition, we understand the importance of innovation, quality, and customer satisfaction. We strive to exceed our customers' expectations by delivering products that meet their needs and exceed industry standards. Our goal is to become a leading provider of medical products worldwide, and we are committed to achieving this by continuously improving our processes, services, and products.



Location

We are located in Foshan, about 30 minutes to Guangzhou Baiyun International Airport, about 180km to the north of Hongkong, 3 hours by bus to Hongkong.



Dental camera recording system



IL-1 LEDDental Operating Light



LED-5 LEDDental Operating Light



Niceday LEDDental Operating Light



SL6 LEDDental Operating Light



SR1 LEDDental Operating Light

MedFruition

MEDFRUITION ELECTRONICS TECHNOLOGY CO.,LTD

Tel: +86-757-26610433

Fax: +86-757-81776019

E-mail:

Dental Imaging Contact: sales03@medfruition.com

Dental Light Contact: sales@medfruition.com

Address: Xinnan Industrial Area, Guanhua Road, Guanyao Town, Nanhai District, Foshan, Guangdong Province, China. 528237

Website: www.medfruition.com

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