

MEDIALINK™ 100

**For Efficient Image Data Management
in a Dental Practice**



MEDIALINK™ 100 -

for efficient image data management



Documentation made easy

Select the patient name and get to work.

MEDIALINK™ 100 makes it easy to document, organize and access still and video media in your dental office. Its intelligent design enables quick and easy patient documentation by simply creating a patient file via remote control or keyboard. Regardless of the video source used during treatment, all images and videos can be automatically allocated to the correct patient file and quickly retrieved. You can also create single images from the previously recorded treatment videos, expanding the possibilities in patient documentation. Time-consuming documentation, allocation and searching of images and videos is a thing of the past.

Four images at once.

The Quadro mode enables you to view the live treatment image, as well as the last three captured images, displaying the progress of treatment. You can record your images in TIFF or JPEG formats and digital videos in MPEG2 format,



All images and videos are recorded in a central folder.

featuring DVD quality which can be played on any computer equipped with a MPEG2 player. Additionally, the import function enables you to transfer images from external USB storage media, such as a compact flash card from your digital camera, enhancing media expandability.

Pictures say more

Perfect patient communication.

Visualization helps patients better understand the procedure and your recommendations. With MEDIALINK™ 100, you can capture and save still images and video with a dental microscope and show them to your patients at the push of a button. Now, you always have the right images available to support treatment consultations. If your patients want a copy of the images, simply save them to a USB stick.

Showcase your clinical outcomes.

MEDIALINK™ 100 simplifies the exchange of information and facilitates discussions with colleagues. The structured image archive acts as an ideal source for the generation of presentations, practice marketing literature, and training documents. Additionally, the images and videos can assist in the submission of insurance claims and act as legal documentation.



From recording to saving: a seamless workflow

One system, many options.

You can connect up to four different recording devices to MEDIALINK™ 100 and quickly switch between them at the push of a button. Choose your storage location from various USB storage media such as a USB stick, external hard drive, one-card reader or the common folder of the practice network. A microphone port is also available to allow you to add comments to your videos.

Bringing order to the system landscape.

MEDIALINK™ 100 can be integrated into the local network (LAN) of your practice. Networking permits access to the patient files from anywhere in the practice. Staff members can access the newly-created images from a central folder and integrate them directly into the practice-management software. This seamless integration streamlines workflow saving time, space and money while eliminating the need for additional storage media.

Operating comfort.

You can conveniently control video and image recording via remote control, front panel or the optional foot switch accessory which allows you to record images in a matter of seconds. Combined with a motorized microscope, such as OPMI® PROergo from Carl Zeiss, you can start recording via the microscope's programmable hand grip.

The convenient filter and index functions make it easy to quickly navigate between various patient files to locate their image and video data after documentation. MEDIALINK™ 100 is extremely simple and intuitive: patient files can be quickly created and accessed.



Informative images and videos for effective patient communication

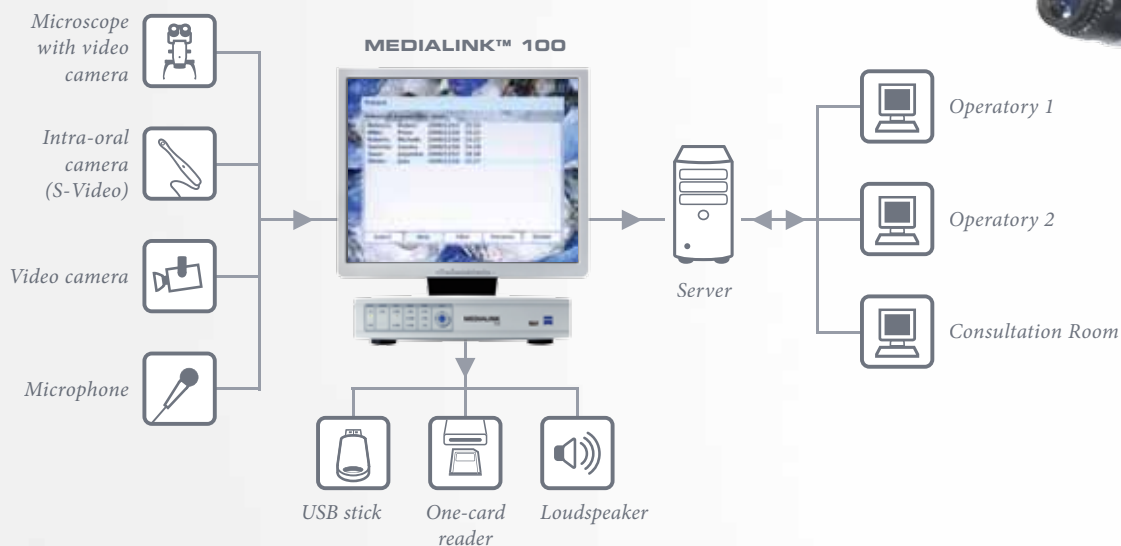


Images and videos can be quickly and easily saved on external USB storage media



Network capability permits access from any location in the practice

Digital images and videos can serve a critical role in patient communication and in discussions with colleagues. **MEDIALINK™ 100** is an innovative, user-friendly solution which facilitates digital media collection. An efficient image data management system, **MEDIALINK™ 100** enables you to capture images and video from several video sources and transfer them directly to your preferred storage media. Whether you choose to utilize external USB storage media or the integrated network capability, it is easy to display treatment images and videos in your operatory. The network capability further allows access to shared patient files from any location in the practice, streamlining workflow.



How **MEDIALINK™ 100** improves image and video data management in your practice

- **User friendly:** fast and easy operation via remote control, the front panel or the foot switch
- **Intuitive:** the clearly structured user guidance enables easy navigation, storage and access of images and videos
- **Efficient:** connection to the practice network permits access to patient files from anywhere in the practice
- **Safe:** automatic allocation of all images and videos to the selected patient file
- **Traceable:** the Quadro mode allows visualization of the treatment routine
- **Flexible:** rapidly switch between four connected video cameras

Technical Data

Storage formats

- Images: JPEG, TIFF
- Audio/video: mpg (program stream, MPEG2 MP@ML / MPEG1 Layer II)

Storage location

- USB mass storage device (USB MSD)
- Shared directory (network)

Video ports

In: 2x BNC, 2x S-Video, PAL/NTSC
Out: 1x BNC, 1x S-Video, PAL/NTSC
1x DVI-D Monitor

Audio ports

In: 1x 3.5 mm jack socket
Out: 1x 3.5 mm jack socket

USB ports

- 1x USB 2.0 front, 2x USB back
- Integrated network connection LAN, RJ45 (10/100 Ethernet)

Internal loudspeaker

200 Hz – 16 KHz, 1W

Operation

- Front panel with membrane keys
- Remote control with hot keys for direct selection of the function
- Foot control panel with switch for single images or video recordings
- USB keyboard
- Handgrip motorized microscope (e.g., OPMI® PROergo) for single images or video recordings

Application images:

George A. Bruder, D.M.D., Stony Brook, NY, USA



Operating properties

- Display of instrument status
- Display of patient name and date

Housing dimensions

H 75 x W 320 x D 340 mm

Delivery package

MEDIALINK™ 100, remote control, USB stick, S-video cable

Optionally available

Foot switch, USB keyboard, S-video cable, BNC cable, DVI monitor cable, network cable, remote cable to control motorized microscopes

MEDIALINK™ is a trademark of Carl Zeiss.

OPMI is a registered trademark of Carl Zeiss.

Carl Zeiss Surgical GmbH

A Carl Zeiss Meditec Company
Carl-Zeiss-Strasse 22
73447 Oberkochen
Germany

Fax: +49 (0) 73 64/20-48 23
surgical@meditec.zeiss.com
www.meditec.zeiss.com/dentistry
www.meditec.zeiss.com/contacts