

I.C.LERCHER

CAMERA *Systems*



The L-Cam USB *by I.C.LERCHER*

*The most convenient way
to obtain very useful high-quality
images of dental conditions.*

Full digital / USB 2.0

Very easy to use

Optimum image quality



Camera systems



Light systems



Instruments



Loupes

L-Cam USB 0° & L-Cam USB 90°

Superb image quality, easy to use

The fully digital intraoral **L-Cam-USB** camera with a high-quality aluminum housing and non-fogging 0° or 90° lens system delivers vibrant colors and optimum image quality.

The **EASY focusing** technology always provides a perfect and sharp image.

The most convenient way to obtain high-quality images of dental conditions:

plug in – position – press – done!

The new digital **intraoral L-Cam-USB camera** with high-resolution CCD chip and non-fogging 0° or 90° optical lens delivers vibrant colors and superior image quality. Small and easy to handle, it weighs just 111g and comes in a sturdy, ergonomically shaped aluminum housing for safe and comfortable handling.

The use of high-quality aluminum guarantees a long service life in your dental practice. Unlike most plastic housings, the **L-Cam-USB** will not fade or suffer cracks on the housing as a result of the daily use of alcohol-based disinfecting agents.

The unit is very easy to operate, with all functions controlled by one finger. The **L-Cam-USB** is operated via a fully digital USB 2.0 output and therefore transmits the image data to your PC without loss, unlike conventional systems. As a result, all patient-specific images are saved in impressive quality.

The **plug-and-play** technology offers further advantages. Firstly, it enables fast and easy integration into existing computer systems used in the practice. It can also be readily integrated into workstations or retrofitted. Secondly, with the **L-Cam-USB** it is possible to use just one camera in all computer-networked rooms (treatment rooms). The camera offers great flexibility as it can be simply disconnected and plugged in at another location.

The newly developed **intense-light optical** system with 0° or 90° angle of view guarantees maximum sharpness in three different focus ranges for extraoral, intraoral and macro images with impressively high contrast.

The **EASY focusing technology** allows **100-fold magnification**, so that even the tiniest tooth and tissue structures are displayed with absolute clarity. Simply press the pushbutton to save the blur-free images automatically to the patient's data record.

Because it is programmed to work with a **standard Microsoft driver**, the camera can be operated with almost all standard accounting, imaging and X-ray software based on Windows XP®, Windows Vista® or Windows 7® (32 bit/64 bit operating systems).

Practical accessories for your L-Cam-USB

Thanks to the use of state-of-the-art film technology, the new disposable protective sleeves deliver an absolutely loss-free image and also provide optimum hygiene.



Only one USB 2.0 cable is required for power supply and data transfer. It comes in 2m/3m/5m lengths.



Non-wired camera holder with automatic on-off function for camera storage.



Plug in

Position

Press

Done!

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Accessory set (can be sterilized)

The accessory set, which can be sterilized, increases the range of applications for your **L-Cam-USB 0°**. Mirror attachment, PA probe and a single tooth attachment extend the functionality of the camera and improve your photo results.



| **Light systems**

| **Instruments**

| **Loupes**

| **Protective glasses**

| **Software**

| **Diagnostics**

Production & service
in Germany



The camera housing in high-quality **aluminum** guarantees durability and can be cleaned with alcohol-based disinfecting agents.



Blur-free still images are generated and saved by pressing the **pushbutton**.



The **connection socket** on the back of the camera ensures perfect contact with the camera cable. Durable and reliable.



The **camera cable plug** is held securely by a locking system and is easy to insert and remove.



L-Cam USB 0°

L-Cam USB 90°



The high-quality, non-fogging **glass optic system** produces razor-sharp images, while **eight LEDs** ensure perfect natural light conditions.



The newly developed optics with **90° angle of view** gives you the option of choosing the **L-Cam-USB** version that best suits your personal working method.



EASY focusing technology enables simple, fast focusing. The three-stage slide controller allows you to select the ideal sharpness settings for extra-oral, full-face, quadrant or macro pictures.



The **USB 2.0 plug** fits all standard computers and notebooks.

I.C.LERCHER Medical EDA image processing software

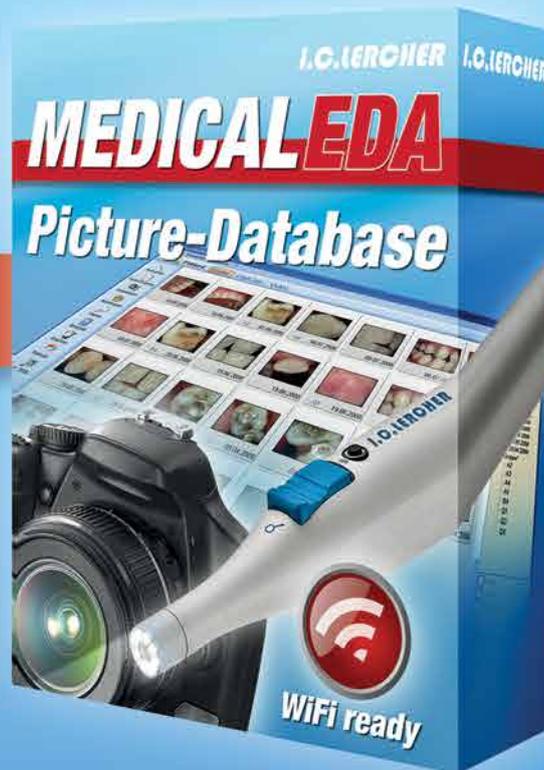


Image overview:

The photos taken are displayed clearly arranged in chronological order in the image overview, directly in the patient's file.



Import / Export / Drag & Drop:

Existing photos, e.g. taken with a digital camera, can be imported. In addition, the drag & drop function allows the photos to be easily moved to any program, so that they can be inserted into an email or document.

The digital intra-oral L-CAM-USB camera is fully compatible with all common dental software on the market. It excels thanks to the bright, true-color images and its ease of integration.

The I.C.LERCHER "Medical EDA" software supports the concept of efficient and easy image handling in the dental practice.

The "Medical EDA Image Database" provides an intuitive environment for simple handling and fast archiving of your photos.

This great labor-saving system comes into its own during treatment, where all photos of the current patient can be retrieved from the archive directly at the treatment center.

This means that the images are saved to the digital file for the specific patient, so that your image archives stay efficiently organized and structured despite the constantly increasing volumes of data.



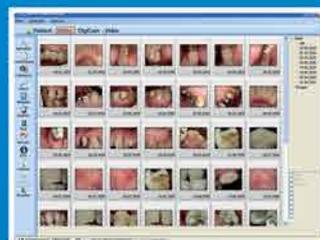
Video sequence recording:

Using the integrated video module, video sequences can be recorded and then played back.



Before and after status

The before / after display, as well as the zoom function, offer various options for viewing the stored images.



Access via tablet PC or iPad

Using the "Picture to iPad" function, images can be displayed wirelessly on tablets (e.g. iPad) and can be discussed while the patient is in the dentist's chair.

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