

The Full HD video camera **medicam 800HD**. Information for clients.

Dermoscopy and video documentation in Full HD resolution



The video camera **medicam 800HD** is the gold standard of FotoFinder **dermoscope** for digital dermoscopy and video documentation in dermatology. It supports Full HD and has a resolution of two megapixels. That means that you can benefit from the fast and stable video technology in non-stop operation without having to give up brilliant image quality. Due to its frameless, impressive full screen, the camera sets standards for screening and mole mapping and takes you and your patients to a new world of skin experience!

High-quality processing

The camera is housed in a golden body made of high quality anodized aluminium. This material is lightweight, durable, sleek and elegant. The camera's core, the video component, is shielded inside the body and is supplied from a well-known camera manufacturer. To obtain a picture, the camera uses a signal processing logic which is situated on a board manufactured by FotoFinder, as well as the electric control unit which synchronizes the camera with the FotoFinder software.

Comparison with other **medicam** camera models

The bodies of the **medicam 800HD** and the silver standard **medicam 500** only differ in terms of colour and labels. Both cameras are available for overview images as well as for microscopic photos and come with a spacer for close-ups and an LED ring light for panoramic pictures. The big difference between the two cameras is the picture quality as the **medicam 800HD** offers four times the resolution of **medicam 500**.

As opposed to the **medicam 800HD** both **medicam 500** and the previous model **medicam 400** work with standard video resolution. The two latter models only differ in terms of design: While the dermoscopy lens **D-Scope II** of **medicam 400** is powered by an external cable, the **medicam 500** with **D-Scope II plus** doesn't need this cable thanks to an integrated electrical contact.

Do **medicam 500** und **800HD** use the same dermoscopy lens?

The dermoscopy lens **D-Scope II plus** is the same for **medicam 500** and **medicam 800HD**. However, you need the most recent version of the lens.



With both models, you can choose whether you prefer to work with immersion or polarization. You do not need any liquid between skin and lens if you use polarized light.

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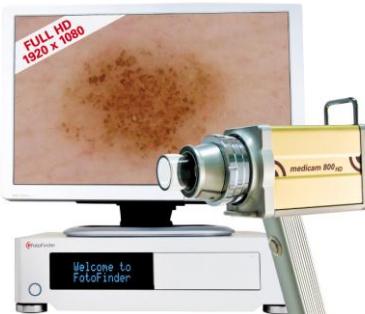
Characteristics	medicam 500	medicam 800HD
Designation	silver standard	gold standard
Colour	silver	gold
Resolution	768 x 576	Full HD 1920 x 1080
Pixel	0,44 megapixel	2 megapixels
Image format	4:3	16:9
Fluorescence diagnosis	+	+
Polarisation	+	+
Immersion	+	+
Notebook compatibility	+	+ (limited)
Integration into IT environment	++	+
Hardware requirements	Standard screen; PC or Notebook with WIN XP, Vista or 7; FotoFinder Digitizer Kit. Notebook with USB 2.0 port.	Wide screen min. 22" (Full HD); FotoFinder HD Digitizer Kit; special notebook with USB 3.0 port.

Is my **medicam 500** now obsolete?

No, both video cameras are still available worldwide. We will provide our well proven **medicam 500** also in future with a good cause as it can be easily connected to notebooks and integrated into an existing IT environment without the need of sophisticated hardware. Thus, the **medicam 500** comes with higher configuration flexibility and lower hardware costs.

Can all the accessories and modules be applied in the gold and in the silver standard?

The Polarization Kit, the **Veinscope** attachment, the **FDlens** and the expert systems **Moleanalyzer** and **Trichoscan** work the same way for both of the models.



What are the system requirements for Full HD video?

Who wants to benefit from Full HD has to purchase the corresponding hardware. To ensure an optimum performance, we recommend you to combine the **medicam 800_{HD}** with the FotoFinder **Silent Medical Server** which is accurately adjusted to the Full HD camera components and submitted to numerous performance tests.

You also need a wide screen with at least 22" in order to benefit from the brilliant image quality.



System requirements at a glance:

- Current software platform FotoFinder 2007 with **dermoscope dynamic**.
- FotoFinder **Silent Medical Server** with HD Digitizer Kit for the **medicam 800_{HD}** (if you use your own hardware please read the installation requirements).
- Monitor with at least 22".
- Notebook solutions or systems with FotoFinder USB Docking Stations require USB 3.0 (only special laptops suited – models on request).

Does **medicam 800_{HD}** work in the network or in mixed operation with **medicam 500**?

Generally, a mixed operation of **medicam 400**, **medicam 500** and **medicam 800_{HD}** within a network is possible. Yet for an optimal comparability, it is advisable to make the baseline and follow-up images with the same camera model. For technical reasons, **medicam 400**, **500** and **800_{HD}** come with different capturing standards. With **medicam 800_{HD}** you can also opt for a display in 16:9 format.

So if you are already using **medicam 400** or **500** in your network at various work stations and monitors and if you wish a perfect comparability for your new workstation, we recommend you to stick to the tried and tested model, or to take initial and subsequent images always with the same camera model.

How does the Full HD camera work in non-stop-operation?

Camera and optics of this video camera model are designed for continuous use and speedy operation.