Capture

The dhs Image capture module is always **required for** software control of the **various image sources**.

With **only one software tool** the following image sources are supported and only one licence is necessary:

dhs-MicroCam range

Digital Cameras from dhs with **CMOS** and **USB 3.0** interface.

TWAIN

For connection of image sources installed on the computer that **ship out with** a **TWAIN driver** (scanners, digital cameras etc.).
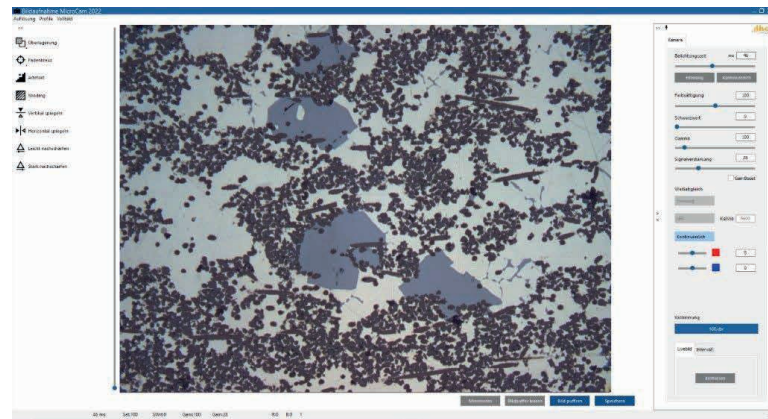
Canon EOS-models

Each image is automatically calibrated as it is taken.

REM, Zeiss an Keyence

The images are automatically integrated into the dhs Image data base with corresponding additional modules. Import settings of the respective image source can be stored; calibations are also read out and can be integrated into the image -directly after loading- with the „measure" modul.

EVO Cam II - Digital Microscope - Full HD

- With special features for controlling the camera via the monitor
- Direct input of the desired magnification and display of the optics used

4 image sources with their own additional modul can be controlled directly on a PC. The live image remains open in the background and is automatically closed when another image source is called up.

Information in the overview

- **Direct interfacing** of the dhs Image Data Base with **different cameras**
- Large, fast **live image on the monitor** for perfect ergonomics
- Live image comparison
- Intervall shooting
- Comprehensive **automatic functions** (e.g. white balance, exposure time etc.)
- All settings can be saved in profiles and accessed with a click of the mouse (for reproducing acquisition mode)
- Assign calibration easily

Software-Features

- All captured images remain in the image buffer until the user has actively edited them further, even after a restart

- Calibration query possible after image buffering

- Settings for live image (e.g. re-sharping and filter functions) clearly arranged

- Preset white balance for LED illumination via selection of color temperature

- Possibility for creating an saving **video sequences (*.avi)**

- **Live image** is shown in a **separate window** (ideal for use with a 2-monitor solution)

- **Live image comparison**

- **Display of overlays**

- **I**nterval shooting

- Access to live image features implemented in further licenced dhs modules (e.g. for comparing metal sections)

- **Screen-related datas** are entered **directly by image acquisition**

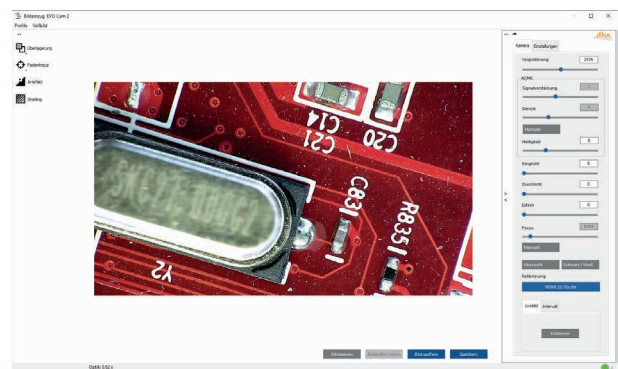- All parameter settings are saved in „profiles" for fast access (**for reproducing acquisition mode**)

Image capture for EVO Cam II - Digital-Microscope Full HD

With special features for controlling the camera via the monitor