

MMC MultiMeter

Software for image archiving, processing and analysis

Main database features:

- Store as many images, video files and files of any type and format as you need!
- Import images from any digital devices which are equipped with TWAIN or DirectShow drivers directly to active database record.
- Smart import from disc allows automatic separation of files into records by time and place.
- Fast text search: start typing 1-3 first letters to see the matching records.
- Retrieve your patient data using all the text you have entered to record fields. Filtering by any number and combination of keywords will let you find required data sets fast.
- Make the most important image processing operations like cropping, image brightness, contrast and color adjustment, rotation and flip. Enhance images with filters.
- Manual measurements in real units: lines, angles, circles.
- Easy changing database structure in visual mode: add text, numeric or date fields to describe your data sets.
- Network access.
- Print out attractive reports.

Image analysis features:

- Image segmentation by brightness and color. Intuitive interface – just click in the image to specify object points. Fine adjustment settings.
- Convenient editor for object correction and manual drawing.
- Morphological operations with object masks: erosion, dilation, open, close etc.
- Measuring 16 parameters of objects: dimensions, form and optical properties.
- Individual data for every measured object in a pop-up window
- Classification: automatic by a parameter or by manually defined classes.
- Classifier training: select object class manually to define class limits.
- Statistical treatment and accumulation of measurement results for series of images.
- Generation of several types of bar charts based on classes, parameters etc.
- Toggle display of statistical and additional information, table of distribution by classes, number of objects, percentage, area percentage of every class on bar chart.
- Save measurement results in the database.
- Save bar chart with additional data as image in the database.
- Export results to Excel, Word and other applications.
- Print reports with database data and statistical results based on various customizable templates.

