



RADIN.surgery

The work station for viewing images in the operating theater

The use of digital image data in medical diagnosis will lead to significant improvements in the field of radiology. Using a standardised image communication system the digitally created image data can be displayed

- directly,
- without any delay,
- at several stations in the hospital simultaneously.

Especially sensitive areas such as surgery departments and operating theaters require specialised solutions.

To be able to perform medical operations precisely, safely and successfully image viewing systems in the operating theater must meet the following requirements:

- Instant access to all relevant image data
- Comparative display of different pictures
- Excellent image quality

RADIN - the web-based image communication system - completely fulfills these requirements and its intuitive operating system ensures fast results.

Operating and ergonomics

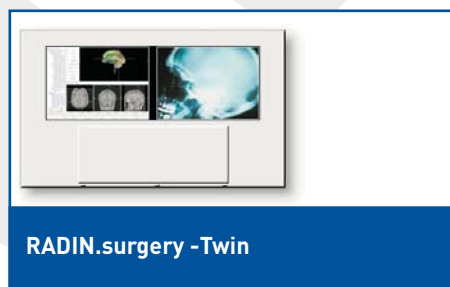
All system functions can be operated by stainless steel buttons and the integrated trackball. Furthermore the keyboard can be disinfected by wiping or spraying and folded away in standby mode. The monitor and the integrated computer are then in standby mode.

Can be configured according to customers requirements

Four system versions are available



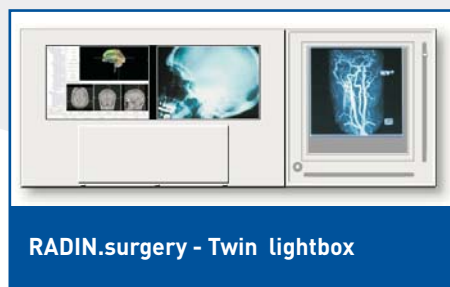
RADIN.surgery -Mono



RADIN.surgery -Twin



RADIN.surgery -Mono + lightbox



RADIN.surgery -Twin lightbox

The RADIN.surgery Mono + lightbox and Twin lightbox are equipped with a conventional light box.

Hardware Image viewing system

- High-quality, industrial flat display units are used.
- The images are viewed on one (Mono) or two (Twin) 18" TFT monitors (21" TFT monitors are available on demand)
- Screen diagonal per unit 45.97 cm
- Resolution 1280 x 1024,
- Pixel size 0.2805 x 0.2805 mm
- Max. luminance 270, typically 250 cd
- Contrast ratio 400:1
- 2.0 GHz Pentium processor
- 512 KB cache memory, 256 MB RAM
- 40 GB harddisk, 16x DVD, 40x CD ROM
- 10/100 Mbit TX LAN, optional FX LAN connection, Windows 2000, NT or XP

Software

For RADIN.surgery you can use both RADIN software versions: RADIN.classic and RADIN.expert (for Twin).

Approval

- 89/336/EEC Council Directive on the approximation of the laws of member states relating to electromagnetic compatibility
- 93/68/EEC CE Marking Directive
- EN 60601 Electrical Safety for medical technology products.



RADIN.surgery & RADIN.expert software