EYEDICOMIZER

the SOLUTION for DICOM-MAKING IMAGES

EYEDICOMIZER by G-SQUARED is an acquisition system, storing, dicomizaing and managing medical images using local archiving or remote networks of multi-departmental and multi-site health care centers.

EYEDICOMIZER shows the work list of the day so to permit the user to select the booked exam quickly and easily.

With few actions, the physician is able to capture patient images and then decide which ones to select for sending to the PACS (sending can be automatic or manual).

It is also possible to capture short movies that will then be stored in the PACS as multi-frame DICOM images.

The system provides a screen to monitor the submission of the exams to the PACS, with the possibility of re-submitting the images.

Allow the users to store and manage the exams in local stores.

It is possible to personalize **EYEDICOMIZER** by using a configuration tool.

Using xml files, it is possible to easily set up some of the information you want to include in the DICOM tags (eg StationName) and the modality to which associate the images

CHARACTERISTICS

- Use of standard hardware, minimum recommended configuration
- PC i5 64bit
- RAM4GB
- HD 240 GB (the storage space is determinated by the settings of the local storage and Dicom Send rules).
- Last generation graphics card with at least 1 GB of memory
- External frame grabber whit USB, whose typology will be determined based on the connections available on the capture device
- Pedal for fast capture of images
- Arranged for use with touchscreen screens
- System configuration by xml file
- Query modality DICOM worklist
- Possibility to add patients out of list
- Monitoring the status of PACS connection
- DICOM echo
- Dicom Send Service, images can be sent immediately after the acquisition either from the local storage
- Capturing screenshots and videos also HD (video format DICOM multi-frame JPEG); of course the hardware configuration will have to be compatible with the quality of video and images you want to capture
- Allows archiving and managing the exams in local store

RIS

PACS

EYEDICOMIZER receives from **PACS or RIS**
- Worklist modality

EYEDICOMIZER sends to **PACS**
- DICOM images
- DICOM objects

EYE DICOMIZER

select patient

local storage

captures images