



Ann Arbor Digital Devices, Inc.

19720 Cavanaugh Lake Rd.
Chelsea, MI 48118

(734)730-2232 Fax (734)475-3114

www.a2d2xray.com

a2d2help@gmail.com

Model 1713 Preferences

Image Tab

Image Orientation – Image orientation (portrait or landscape) and flips can be set and will be applied to all images when they are opened so images will present in the preferred orientation

Applies Non-Uniformity correction if the program has been written and a “raw_frame.dat” file is in the default XRAYS folder.

The Background level should be set to 0

Adds a gray border to the image which makes it easier to distinguish different images when tiled, the number determines the thickness of the border

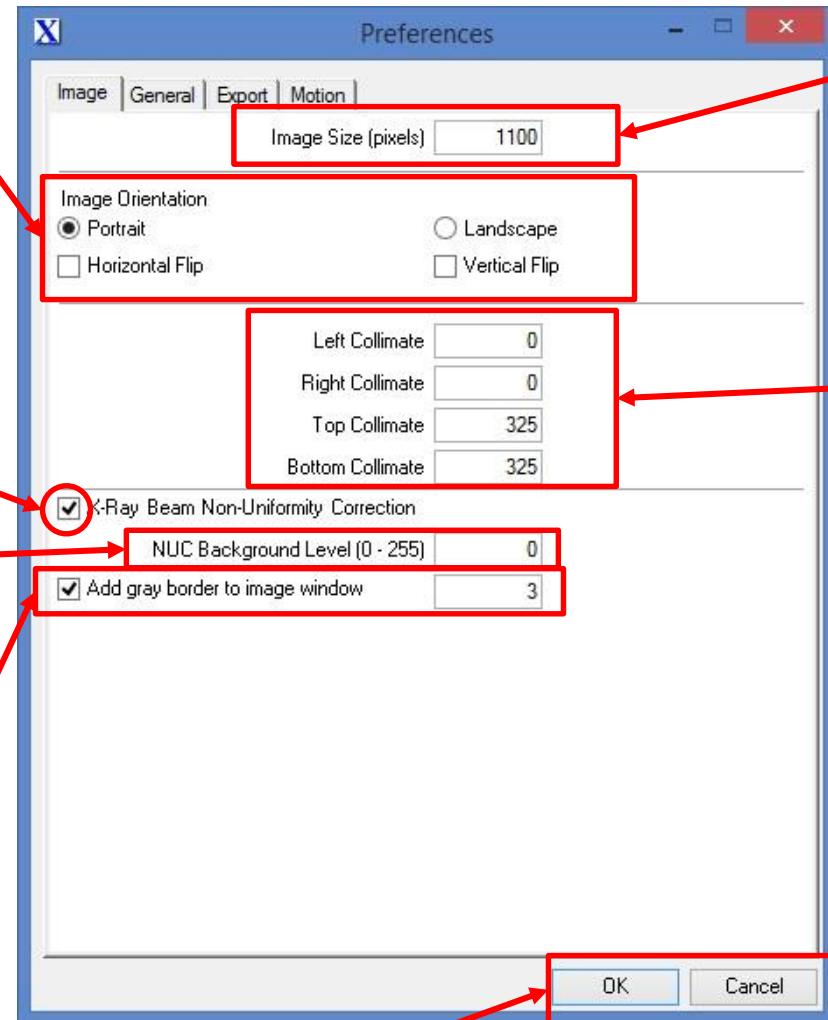


Image Size (pixels) – controls the size of the image based on the resolution of the monitor (the same setting will look different on different monitors)

Collimate – Crops part of the image when it is displayed on the screen. The A2D2 Model 1713 has a 1.5" overscan built into the imager and using the Collimation feature will trim that off before opening the image

Note: This is digital collimation and does NOT control the X-Ray machine so physical collimation must be used to limit the beam if necessary

OK Cancel

To close the window and save the changes click on “OK” to close the window without saving click on “Cancel”



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General Tab

Sets the Facility name that will be assigned to all X-Rays that are taken

Changes the color of measurement tools (Except for Arcs)

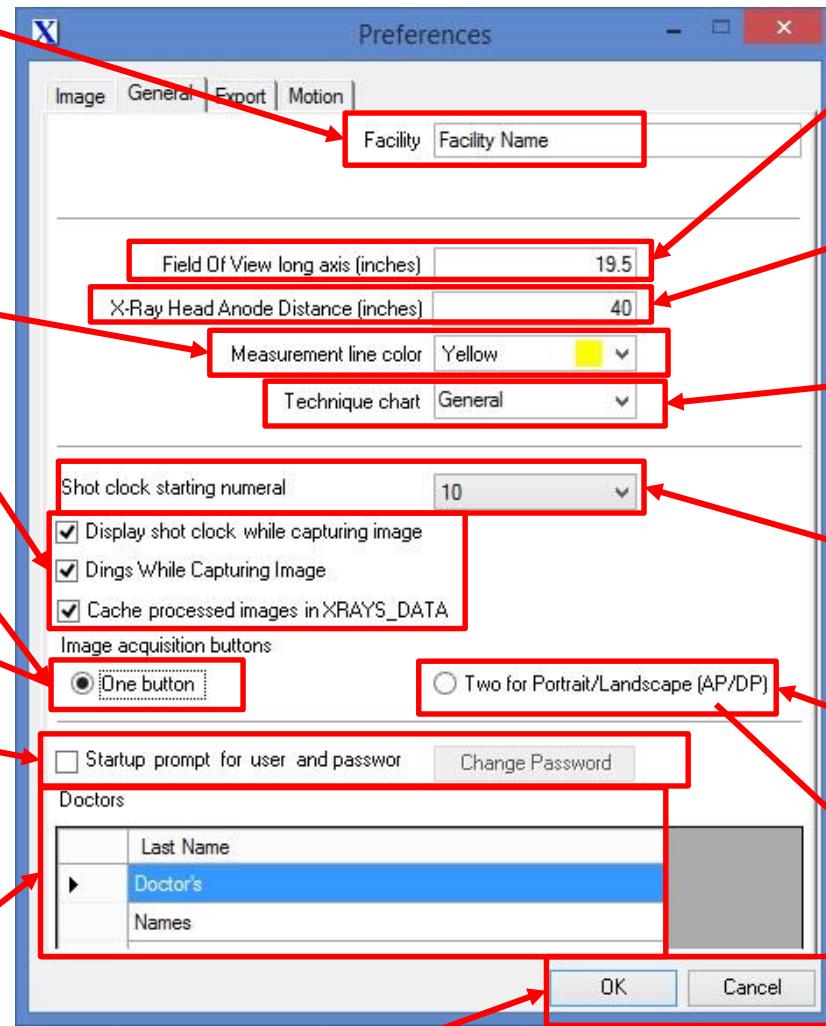
These settings are generally not changed

Sets image acquisition to be controlled by one button, all images will be taken in the portrait orientation



Allows a password to access the A2D2 software to be used, set and changed

This is where the names of the Doctor's who will be ordering the X-Rays should be entered so the correct Doctor will be associated with each X-Ray taken. These names will always be displayed in Alphabetical order



Sets the length of the long axis of the raw image for measurements, the Model 1713 should be set to 19.5 since there is 1.5" of over-scan on top of the 17" FOV

SID setting for the X-Ray system, generally will be 40 for the model 1713

Determines what Technique chart will be displayed when "Technique" is clicked on in the word toolbar, "General" is the best to start with

Sets the starting numeral for the shot clock (countdown), the pull down menu has several choices

Sets image acquisition to be controlled by two buttons, images can be taken in either the portrait or landscape orientation



To close the window and save the changes click on "OK" to close the window without saving click on "Cancel"



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Export Tab

Sets the quality of the HQ JPEG being saved (100 is highest quality), the higher the quality the larger the file. Most monitors in use today the difference between a 50 jpeg and a 100 jpeg can't be seen

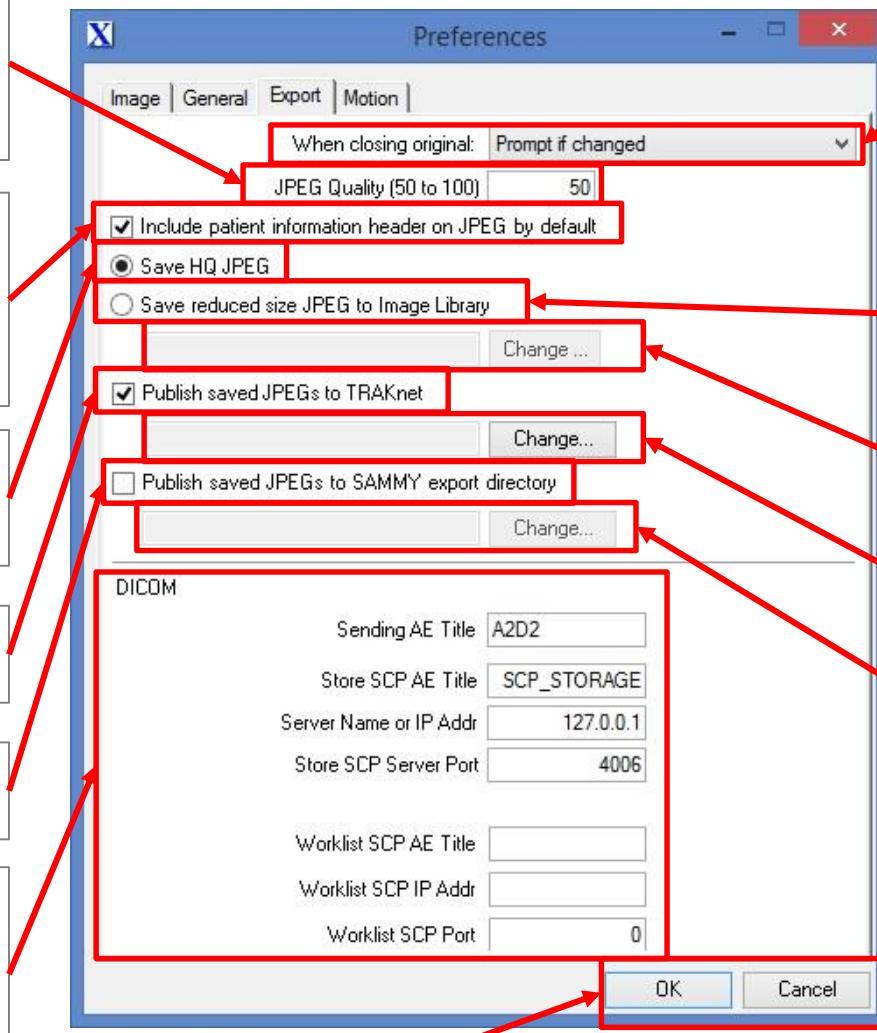
This box sets the software to default to including the patient information header on HQ JPEGs by default (this can be overwritten by the user for specific jpegs if desired)

Sets the software to save an HQ JPEG when the JPEG icon on the toolbar is clicked

Sets the software to automatically send all saved JPEGS to TRAKnet

Sets the software to automatically send all saved JPEGS to SAMMY

This information is necessary when using the DICOM send function. This information should be provided by the facility where the DICOMS are being sent to



Sets the software to remind the user to save a jpeg either only when changes have been made – “Prompt if changed” or when new images are taken or changes are made – “Always save new images to JPEG”

Sets the software to save a reduced sized JPEG to a user defined folder when the JPEG icon on the toolbar is clicked

Sets the folder where reduced sized JPEGS will be saved

Sets the folder where the TRAKnet images will be sent

Sets the folder where the SAMMY images will be sent

To close the window and save the changes click on “OK” to close the window without saving click on “Cancel”



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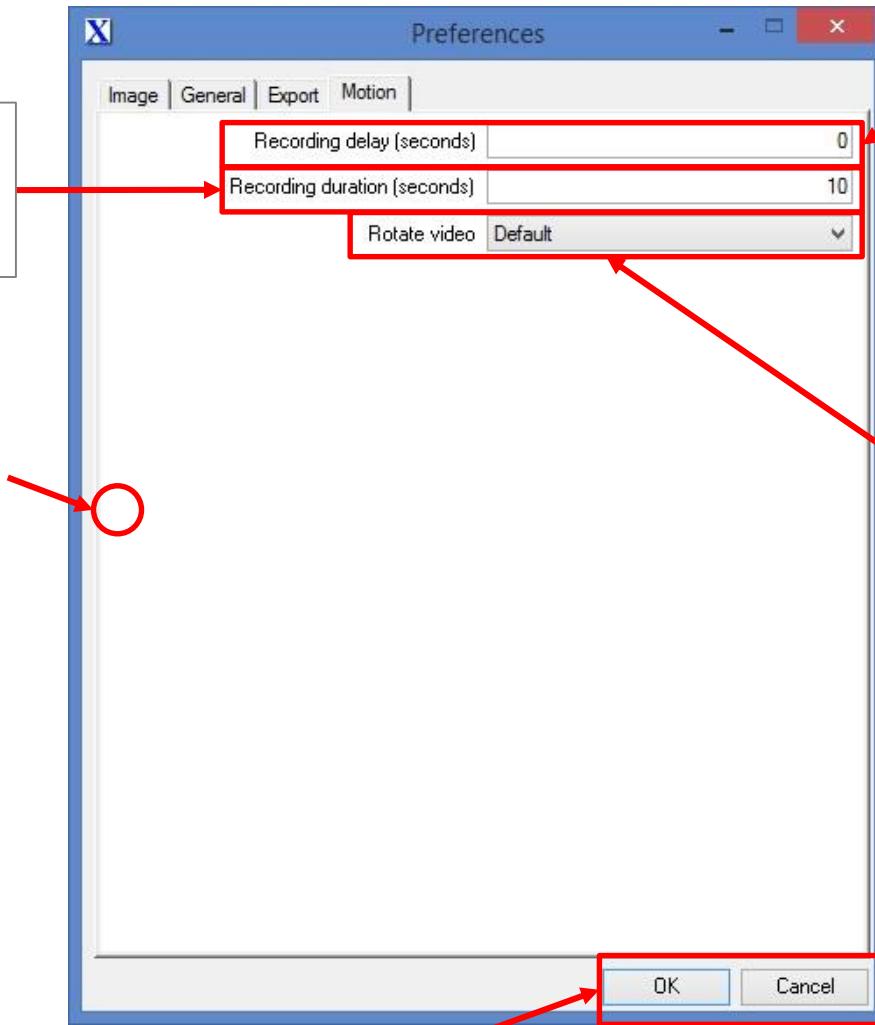
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Model 1713 Preferences

Motion Tab

Sets the recording duration – this is the countdown window during which the patient should be exposed to capture the motion study



The recording delay can be set in case a delay is desired between clicking on the “Record” button and the countdown starting

The Rotate video setting has 3 choices:

1. Default: The orientation that will be most often used
2. Flip: this orientation will need to be used if the motion studies load upside down
3. Landscape: This orientation will generally only be used when the long axis of the imager is aligned horizontally

To close the window and save the changes click on “OK” to close the window without saving click on “Cancel”