ViZion DR + Grid Guide v2.0 1 Opal UAI 2.3.x.x



VIZION DR + GRID ALIGNMENT GUIDE



Customer Support

Grid to Panel Orientation

This guide will provide you with detailed instructions on how to calibrate your ViZion DR + panel once the installation process has been tested and verified.

To Start this Process

- 1. Power up the system
- 2. Start the Acquistion (Scanner) Interface: this can be accomplished using either **a** or **b** below.
 - a. Stand-alone Launcher
 - 1. Run Command enter c:\opal\bin\OpalUAIStandalone.exe Figure 1
 - 2. Left click Launch on the UAI Session Launcher Figure 2
 - 3. Proceed to Steps on page 4

📨 Run		×			
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.				
Open:	c:\op	opal\bin\OpalUAIStandalone.exe			
	😗 Т	his task will be created with administrative privileges.			
		OK Cancel Browse			

Figure 1

🖳 UAI Session Launch	er (
uaistand ufirst		ulast	
Patient Patient ID 123dt			
Prefix First Dr. Ronald	Mid.	Last McDonald	Postfix III
Gender O Male O Female		DOB 20070912	
Study Description			
Date 20120614	Time 0306	21	
Body Part	M	odality R	
UID 1.3.6.1.4.1.11157.20	08.1.3.	12.42.45.1	
Launch		Cle	ose

Figure 2



- b. Sign into Opal.
 - 1. Left click the Opal Study Icon
 - User Name: siteadmin a.
 - b. Password: Consult your PACS Administrator Figure 3
 - 2. Select test study
 - 3. Left click "Add New Image"
 - 4. Proceed to Steps on page 4

•	×
2.3.3.96	
VIZTEK	
	localhost CFG
User Name :	
Daceword -	
LOGIN	EXIT

Figure 3







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Steps

- Once the Acquisition Interface is activated select *Options* Figure 4
- If an Authorization Required box prompts for a password "adc4me"
- 3. Select the Post Processing tab. Figure 5
- 4. Uncheck enable grid suppression then click OK.
- Select *Archive* from the Acquisition
 Interface Screen (Opal UAI). Figure 6

PostProcessing Border Reduction Rescale PostProcessing Border Reduction Rescale PostProcessing	Avanced Analysis and Processing Avanced Analysis and Processing Fashel Proceedural Dead Powel Mask Fashele Grid Suppression Enable Auto-Shutter Enable Exposure Index Fashele Low-Dose Extrapolation	Threathold: [00010 곳 % IF Clip Output	_
C Reduction 1:2 C Reduction 1:4	Enable Enhancement Enable Auto WIL	Force original output bits	
Crop Behavior C Trim off G Fill with black		Server Code / MAC Address 001E37386ECA	
C Output MONOCHROME2	Advanced Filter Options: 0.00	「 Enable Shutter Confirmation Shutter Contraction 0 土 ル	
	Adm	nistrative ov .	

Figure 5

6. Select an image where the grid was used then click on the *Recover* button. Figure 7



Figure 6

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Figure 7



- 7. The raw image is recovered from the archive and is displayed. Figure 8
- 8. Use the mouse wheel to zoom image out.
- 9. Use the image control buttons to rotate image until the orientation is confirmed in home position marker in bottom right corner. Figure 9
 NOTE: the orientation marker will not appear till you have rotated image at least once.
- In order to achieve the best image quality with the ViZion DR + panel, the grid lines must be horizontal to the orientation marker.
 Figure 10
- 11. Once grid to Panel orientation has been confirmed to be in the correct alignment, you will want to be sure grid to tube head alignment is correct.
- 12. Once this has been completed select Options Figure 4
- 13. Select the *Post Processing* tab again. Figure 5
- 14. Check enable grid suppression and click OK.









Figure 9

Physically Verfiying Grid to Panel Orientation for 17x17



1. Gridlines must be perpendicular to the columns Figures 11 & 12

Figure 11





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