

QUALITY ASSURANCE INSTRUCTION

ISP Advanced Materials

Date Printed: 2/15/06

INSTALLATION PROCEDURE FOR VIDAR VXR-16 SCANNER FOR USE WITH FILMQA VERIFICATION SOFTWARE	Policy Number:	QAI-000-0
	Page:	1 of 4
	Revision Number:	1
	Revision Date:	2/9/06
Prepared by: Robert Rogers	Replaces:	
Revised/Reviewed by:	Effective date:	

Approved By:	
_____	Date: _____
Research & Development	
_____	Date: _____
Manufacturing	
_____	Date: _____
Quality Systems	
Change Control No.	

I. PURPOSE

For use when doing dosimetry on scanned images of GAFCHROMIC® dosimetry film using a Vidar VXR-16 scanner and FilmQA™ verification software.

II. SCOPE

This QAI describes a procedure for installing Vidar VXR-16 scanner software/drivers for use with TWAIN interface compatible software (i.e. FilmQA™). The following instructions will demonstrate how to install and interface the Vidar VXR-16 scanner to a USB port using a SCSI-to-USB adapter.

III. EQUIPMENT AND MATERIALS

1. VIDAR Driver Installation CD (*latest version*)
 - **File Name:** usbscsidriverinfoversion3.zip
 - **Free Download:** Vidar driver and software available at <http://www.filmdigitizer.com/downloads/drivers.htm>
2. Vidar TWAIN software
 - **File Name:** twain5.exe
 - **Free Download:** Vidar TWAIN software available at <http://www.filmdigitizer.com/downloads/software.htm>
3. USB-to-SCSI Adapter (USB 2.0) - Adaptec USB2XCHANGE (≈\$60)
 - Quick Install CD
 - **NOTE:** Other SCSI-USB-2 adapters may also work.

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IV. PROCEDURE


The procedure that follows describes the installation of a Vidar VXR-16 film scanner, the Vidar Twain driver, and an Adaptec USB2XCHANGE. However, the procedure can be adapted to other Vidar film scanners or SCSI-USB-2 adapters.

The following instructions will install the USB2XCHANGE adapter onto your computer.

1. Plug the SCSI-to-USB adapter into computer.
2. Insert USB2XCHANGE CD (or appropriate hardware driver CD) into CD-ROM drive.
3. Windows will prompt for new hardware install.

Follow the on-screen instructions for driver installation.

The following instructions will install the Vidar software onto your computer.

4. Unzip “usbcsidriverinfoversion3.zip” and place in appropriate directory.
5. Open the newly-created folder “usbcsidriverinfoversion3”.
6. Double-click on the  Launch icon.
7. The window shown in Figure 1 will appear. Select the “INSTALL SOFTWARE” option.

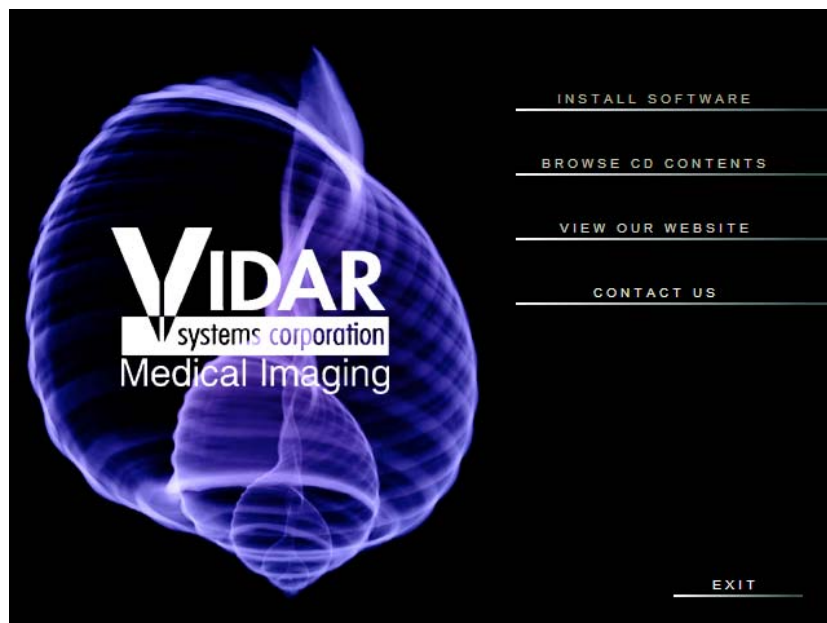


Figure 1

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- The window shown in Figure 2 will appear. Select the “INSTALL DIGITIZER DRIVER” option.

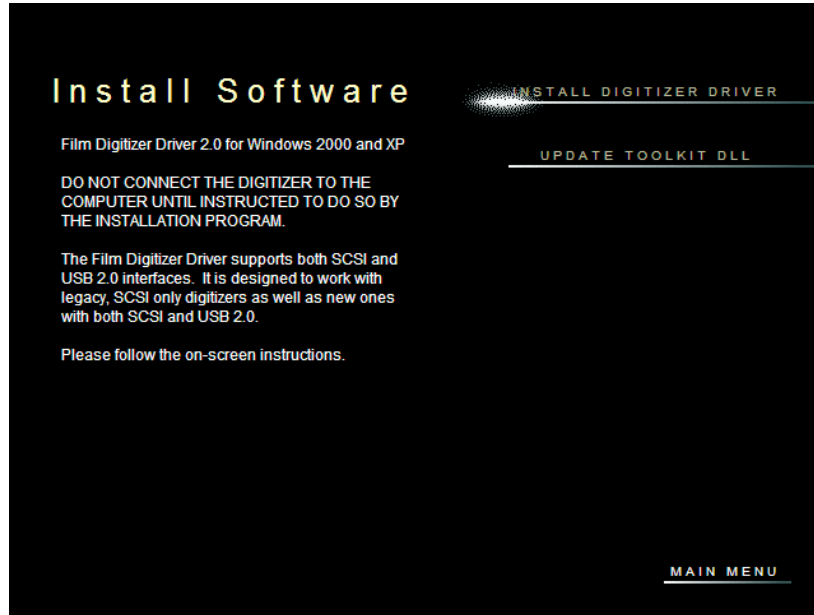


Figure 2

- Follow the on-screen instructions for software installation.

The following instructions will install the Vidar TWAIN driver onto your computer.



- Double-click the twain5.exe icon.
- Follow the on-screen instructions for driver installation.
- Turn Vidar off. Shut down computer.
- Turn Vidar on. Turn computer on.
- Follow on-screen instructions for completing Vidar driver install.

**The Vidar scanner can now be used with FilmQA™,
and/or any software that supports TWAIN scanner interfaces.**

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V. REVIEW SCHEDULE

VI. DEFINITIONS

N/A

VII. AFFECTED DEPARTMENTS

Effects all operating departments.

VIII. REVISIONS TRACKING

Revision 0 - This is a newly documented procedure.