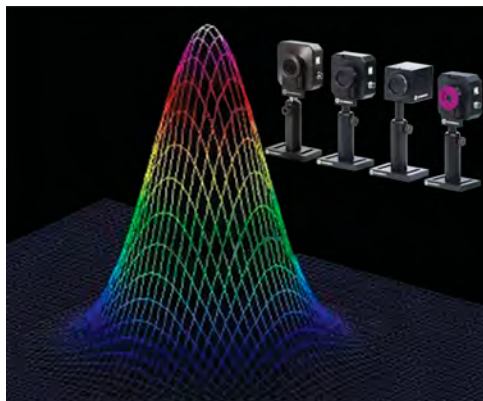


Software Installation Guide
BeamView™-USB
for LaserCam™-HR, HR II, InGaAs & UV Cameras



Software Installation Guide
BeamView-USB
For LaserCam-HR, HR II, InGaAs & UV Cameras



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Wilsonville, OR 97070

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Technical Support

In the US:

Should you experience any difficulties with your product or need any technical information, please visit our website:

www.Coherent.com. Additional support can be obtained by contacting our Technical Support Hotline at 1.800.367.7890 (1.408.764.4557 outside the U.S.), or e-mail Product.Support@Coherent.com. Telephone coverage is available around the clock (except U.S. holidays and company shutdowns).

If you call outside our office hours, your call will be taken by our answering system and will be returned when the office reopens.

If there are technical difficulties with your product that cannot be resolved by support mechanisms outlined above, e-mail, or telephone Coherent Technical Support with a description of the problem and the corrective steps attempted. When communicating with our Technical Support Department via the web or telephone, the Support Engineer responding to your request will require the model and Laser Head serial number of your laser system.

Outside the US:

If you are located outside the U.S., visit our website for technical assistance or contact our local service representative. Representative phone numbers and addresses can be found on the Coherent website: www.Coherent.com.

Coherent provides telephone and web technical assistance as a service to its customers and assumes no liability thereby for any injury or damage that may occur contemporaneous with such services. These support services do not affect, under any circumstances, the terms of any warranty agreement between Coherent and the buyer. Operation of any Coherent product with any of its interlocks defeated is always at the operator's own risk.

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Preface

This guide explains how to install the BeamView™-USB software on your PC. For product-specific information, refer to the user manual:

- *LaserCam-HR User Manual* (1126917),
- *LaserCam-HR II User Manual* (1283860),
- *LaserCam-HR-InGaAs User Manual* (1148416), or
- *LaserCam-HR-UV User Manual* (1148417)

For instructions on how to connect additional LaserCam-HR cameras to USB 2.0 PC ports, refer either to the user manual or the BeamView-USB software Help file.

Publication Updates

To view information that may have been added or changed since this publication went to print, and to download product user manuals, connect to www.Coherent.com.



NOTICE!

The *ReadMe.pdf* file—included as part of the software installation package—contains updated information specific to the release. After installing the software, you can access the *ReadMe.pdf* file either from the Start Menu folder, or the Coherent folder (under Program Files).

System Requirements

Component	Minimum Requirement	Recommended
CPU	Pentium 4 (2 GHz)	Pentium 4 (3.3 GHz or faster)
System RAM	1 GB	4 GB
Media	CD-ROM drive	CD-R/W
Free hard disk space	10 GB	20 GB
Operating systems	Windows XP [®] 32-bit (with SP2) (HR, InGaAs, and UV cameras) Windows Vista [®] 32- or 64-bit (all cameras) Windows 7 [®] 32- or 64-bit (all cameras) Window 8 [®] 32- or 64-bit (all cameras)	
Display	1280 x1024 (32-bit)	
USB port	2.0	

Unpacking

LaserCam-HR, LaserCam-HR II, LaserCam-HR-InGaAs, and LaserCam-HR-UV are digital cameras, designed for use with a USB 2.0 interface. The camera, trigger cable, camera mount, and CD-ROM are shipped in a high-density plastic carrying case. This specially-designed case protects all items during shipment.

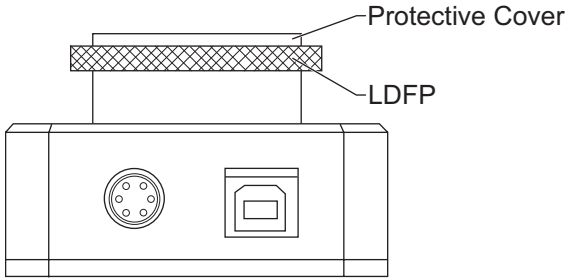
Visually check all cartons for damage before unpacking. If there is no visible external damage, remove all items from the cartons and inspect them for damage. Immediately advise Coherent of any

damage. A Returned Material Authorization (RMA) will be issued for any damaged instruments—refer to “Contact Information” (p. ix) for more information on how to contact Coherent.



NOTICE!

When inspecting the camera, remove only the protective cover, not the LDFP (Low Distortion Faceplate). See the following figure.



Signal Words in this Document

This document uses the ***NOTICE*** signal word.

NOTICE!

Indicates information considered important, but not hazard-related.

Symbols in this Document



This symbol is intended to alert the operator to the presence of important operating and maintenance instructions.

Contact Information

USA	
Phone:	1.800.343.4912
Fax:	503.454.5777
E-mail:	info_service@Coherent.com
Europe	
Phone:	+49-6071-968-0
Fax:	+49-6071-968-499
E-mail:	info_service@Coherent.com
International	
Phone:	503.454.5700
Fax:	503.454.5777
E-mail:	info_service@Coherent.com

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SOFTWARE INSTALLATION

This section explains how to install BeamView-USB software and drivers or uninstall the software.

- Installing Windows XP (this page)
- Installing Windows Vista, Windows 7, or Windows 8 (p. 7)
- Uninstalling the software (p. 9)



If you installed a version of BeamView-USB software earlier than 4.6.1 on your computer, you will be asked to remove it during the following installation process.

Installing Windows XP



NOTICE!
Do *not* connect the LaserCam-HR camera to the PC at this time.

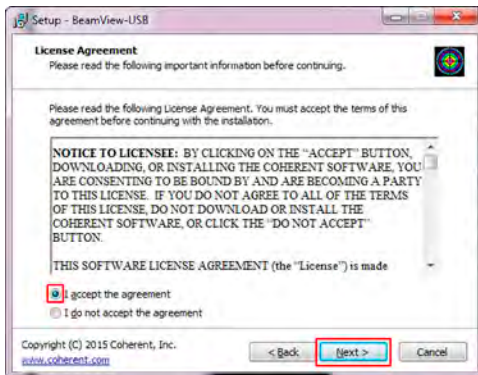
Step 1: Verify that your computer has a USB 2.0 port:

- Go to the *Control Panel* in Windows.
- Open *Device Manager*.
- Double-click **Universal Serial Bus controllers** to expand the list. If the name of any of the controllers in the list includes the word *Enhanced*, then the computer has a USB 2.0 port.

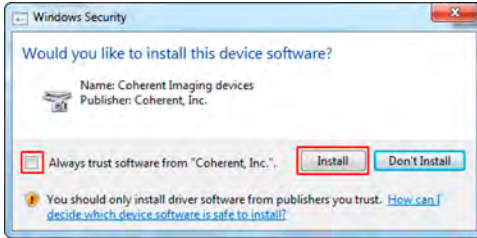
- Step 2:** Verify that the LaserCam-HR camera is NOT connected to any USB port. ***You must install the software first.***
- Step 3:** Insert the BeamView-USB CD into your PC CD-ROM drive. If *AutoStart* is enabled on your system, installation will start automatically; otherwise, select **Run** from the Start menu and then type **D:\setup.exe** (substitute the appropriate letter of your CD-ROM driver for **D**).
- Step 4:** When the following screen appears, click **Next**.



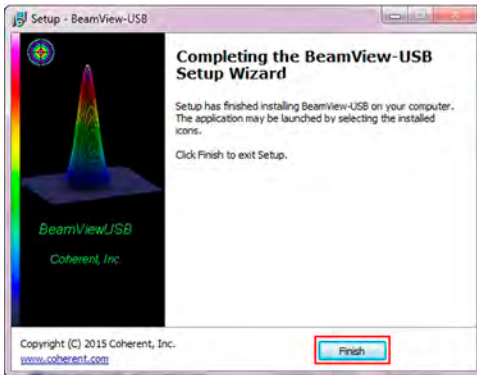
- Step 5:** Accept the agreement and then click **Next**.



- Step 6:** Follow the on-screen instructions to continue the software installation.
- Step 7:** The software installation includes installing VC++2005 redistributable and drivers for various types of Coherent cameras. If the following screen appears, check **Always trust software from Coherent, Inc.** and then click the **Install** button.



- Step 8:** Complete the installation by clicking the **Finish** button. If you are asked to restart the computer, select **No**.





NOTICE!

Connect the LaserCam-HR camera to a PC USB 2.0 port before continuing with the installation process.



NOTICE!

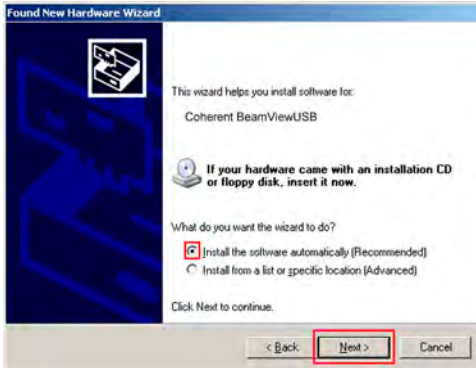
Contact Coherent for instructions when installing a LaserCam-HR-InGaAs camera to a Windows XP system.

The next step begins the driver installation.

Step 9: When the *Found New Hardware Wizard* screen appears, Select **No, not this time** and then click the **Next** button to continue the installation.



Step 10: Select **Install the software automatically (Recommended)** on the following screen and then click **Next**.



Step 11: When a pop-up window regarding the Windows logo testing appears, click **Continue Anyway**.





NOTICE!

If you are installing a LaserCam-HR or LaserCam-HR II camera, repeat steps 9 through 11 before going to step 12.

If the Found New Hardware Wizard does *not* appear at this point, driver installation is complete—continue to step 12.

Step 12: When the *Completing the Found New Hardware Wizard* screen appears, click **Finish**.



— *Installation is complete.* —

Note: There is no need to restart the computer. Your desktop should now show the BeamView-USB icon and the BeamView-USB application should appear in the Start menu.

Installing Windows Vista, Windows 7, or Windows 8



NOTICE!

Do not connect the LaserCam-HR camera to the PC at this time.

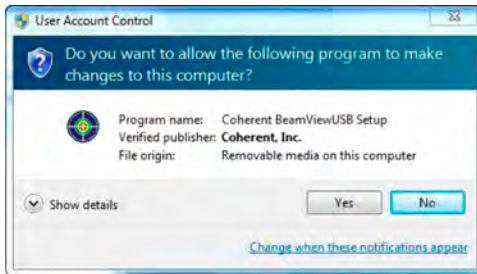
Step 1: Verify that your computer has a USB 2.0 port:

- Go to the *Control Panel* in Windows.
- Open *Device Manager*.
- Double-click **Universal Serial Bus controllers** to expand the list. If the name of any of the controllers in the list includes the word *Enhanced*, then the computer has a USB 2.0 port.

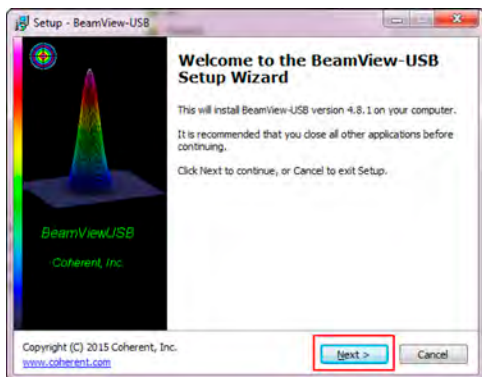
Step 2: Verify that the LaserCam-HR camera is NOT connected to any USB port. **You must install the software first.**

Step 3: Insert the BeamView-USB CD into your PC CD-ROM drive. If *AutoStart* is enabled on your system, installation will start automatically; otherwise, select **Run** from the Start menu and then type **D:\setup.exe** (substitute the appropriate letter of your CD-ROM driver for **D**).

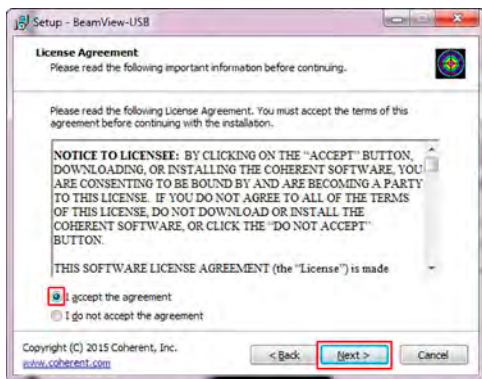
Step 4: If the following screen appears, click **Yes** to continue.



Step 5: When the following screen appears, click **Next**.

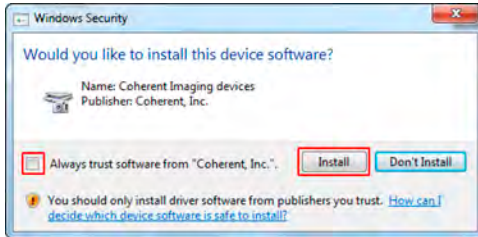


Step 6: Accept the agreement and then click **Next**.



Step 7: Follow the on-screen instructions to continue the software installation.

Step 8: The software installation includes installing VC++2005 redistributable and drivers for various types of Coherent cameras. If the following screen appears, check **Always trust software from Coherent, Inc.** and then click the **Install** button.



— *Installation is complete.* —

Note: There is no need to restart the computer. Your desktop should now show the BeamView-USB icon and the BeamView-USB application should appear in the Start menu.

Uninstalling the Software

To uninstall the software, click the **Start** button in *Windows* and then click **All Programs > Coherent > BeamView-USB > Uninstall BeamView-USB**.

Uninstalling the software will remove the folders and icons but will leave the camera drivers so that if you reinstall the BeamView-USB software there will not be additional New Hardware Wizard prompts on Windows XP computers

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