

EasyVBAI

Installer Guide

Rev 1.4

Plot No. 49, Navnirman Society, Pratap Nagar, Nagpur-440022, MH, India. Mo:+91 8806002266

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1. System Requirement

- NI Vision Builder 2014 SP1
- Operating System Windows 7 or above.

*User has to install above mentioned software as a prerequisite before running the application.

*See section <u>2.3. Additional Software Details</u> Information if you wish to use EasyVBAI for processing real time images from cameras like USB devices, GigE Vision devices, NI smart cameras etc.

2. Installation

2.1. NI Vision Builder for Automated Inspection 2014 SP1

 Download software from the link and run the setup.exe http://www.ni.com/download/ni-vision-builder-for-automated-inspection-2014-sp1/52

<u>35/en/</u>

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2. Click on "Unzip" to start the installation procedure.

To unzip all files in VBAI2014SP1.e specified folder press the Unzip but	xe to the ton.	Unzip
Unzip to folder:		Run WinZip
oads\Vision Builder AI\2014 SP1	Browse	Close
Overwrite files without prompting	J	About
When done unzipping open:		Help

3. Click on "Install NI Vision Builder for Automated Inspection 2014 SP1"

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4. Click "Next"



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5. Fill in the required details. Enter the serial number if you have one or choose Install

this product for evaluation to run VBAI in evaluation mode and click "Next"

User Information Enter the following information.		ATIONAL STRUMEN	TS
Full Name:			
Organization:			
Install this product using the following serial number			
Serial Number:			
O Install this product for evaluation			

6. Keep the default options.

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Features Select the features to install.		1	INSTR	ONAL RUMEN	TS.
Vision Builder for Automated Inspection (3 Examples Remote Target Deployment Support LabVIEW API Support LabVIEW 2014 (32-bit) Su LabVIEW 2013 (32-bit) Su LabVIEW 2012 (32-bit) Su LabVIEW 2011 (32-bit) Su CAPI Support Development Toolkit Vision Builder for Automated Inspection (6 Vision Builder for Automated Inspection NI-VISA 14.0.2 Directory for Vision Builder for Automated Inspection	2.bit) This option for Automa apport apport 4-bit) art (32-bit)	n installs core com ited Inspection (32 ited inspection (32 ono	ponents for -bit).	Vision E	uilder
				DIOWSO	24.44

Make sure to select

- 1. LabVIEW API Support LabVIEW 2014 (32-bit) support.
- 2. NI-VISA 14.0.2

Click on "Next"

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Destination Directory Select the primary installation directory.	
All National Instruments software will be installed in the foll Builder AI 2014 SP1 will be installed in the "Vision Builder.	owing folders. NI Vision Al 2014'' sub-folder.
C:\Program Files (x86)\National Instruments	Browse
Select the folder to install National Instruments Software	(64-bit)

9. Click "Next"

Product Notifications		TIONAL	
Please read the following information about the configuration you have selected.	INS	TRUMEN	TS.
WARNING: Windows Firewall Might Be Enabled You have a version of the Windows operating system that enables the Windows you first use NI Vision Builder AI, a dialog might appear that gives you the option t the network. National Instruments recommends you select "Allow Access" so tha networking features of NI Vision Builder AI.	Firewall by de to receive info t you can use	efault, When prmation ove he	
Search for important messages and updates on the National Instruments produces will be collected in accordance with the National Instruments.	icts you are ir	nstalling. To	
 Search for important messages and updates on the National Instruments produperform this search, your IP address will be collected in accordance with the N Privacy Policy. Note: You will be given the opportunity to select the updates you 	icts you are in ational Instru	nstalling. To ments	
 Search for important messages and updates on the National Instruments produperform this search, your IP address will be collected in accordance with the N Privacy Policy. Note: You will be given the opportunity to select the updates you 	ucts you are ir ational Instru 1 want to in <u>Pri</u>	nstalling. To ments stall. vacy Polic	2

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10. Choose "I accept the License Agreement" and click "Next"

	S SOFTWARE LIC		
INSTALLATION NOTICE: THIS IS A CONTR	ACT. BEFORE YOU DOW	NLOAD THE SOFTW	
AND/OR COMPLETE THE INSTALLATION DOWNLOADING THE SOFTWARE AND/OF COMPLETE THE INSTALLATION PROCES AGREEMENT AND YOU AGREE TO BE BO BECOME A PARTY TO THIS AGREEMENT CONDITIONS, CLICK THE APPROPRIATE DO NOT INSTALL OR USE THE SOFTWAR (30) DAYS OF RECEIPT OF THE SOFTWAR ALONG WITH THEIR CONTAINERS) TO TH SHALL BE SUBJECT TO NI'S THEN CURR	CLICKING THE APPLIC S, YOU CONSENT TO TH UND BY THIS AGREEME AND BE BOUND BY ALL BUTTON TO CANCEL TH E, AND RETURN THE SC RE (WITH ALL ACCOMPAI IE PLACE YOU OBTAINE ENT RETURN POLICY.	ABLE BUTTON TO IE TERMS OF THIS NT. IF YOU DO NOT OF ITS TERMS AND IE INSTALLATION PF OFTWARE WITHIN TH NYING WRITTEN MA D THEM. ALL RETUR	WISH TO ROCESS, HIRTY TERIALS, RNS

11. Allow for the installation to complete

🐙 NI Vision Builder Al 2014 SP1		- 🗆 🗙
Overall Progress: 20% Complete		
and the second		
	<< Back	Next>> Cancel

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12. Click "Next" after Installation is complete.

NI Vision Builder Al 2014 SP1				×
Installation Complete		NA INST	RUMEN	ITS.
The NI Vision Builder AI 2014 SP1 installation is complete If you want to use NI Vision Builder AI with a National Inst such as a frame grabber or IEEE 1394 or GigE interface of Software DVD included with NI Vision Builder AI. It is not necessary to install NI Vision Acquisition Software remote targets, such as NI Smart Cameras, Embedded Vis Systems.	ruments image ard, install the to use NI Visic sion Systems, a	acquisition device, NI Vision Acquisition on Builder Al with and Compact Vision		
	0000028			

13. Restart computer to complete installation. (This step is important)



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2.2. EasyVBAI

Download the Easy VBAI Installer from LabVIEW Tools Network and follow the installation procedure.

1. Double click on the EasyVBAI_1.4.exe and click "Next".



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2. Click "Next"

Destination Directory Select the primary installation directory.	
All software will be installed in the following locations. To install s different location, click the Browse button and select another dir	software into a ectory.
Directory for Easy VBAI	Desires
Directory for Easy VBAI C:\Program Files (x86)\Easy VBAI\ Directory for National Instruments products	Browse
Directory for Easy VBAI C:\Program Files (x86)\Easy VBAI\ Directory for National Instruments products C.\Program Files (x86)\National Instruments\	Browse Browse

3. Click "Next"

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Easy VBAI				1	×
Start Installation Review the following	summary before continuin	g.			
Adding or Changing • Easy VBAI Files					
Click the Next button to begin inst	allation. Click the Back b	utton to change the	installation settings.		
	с. г і	L. D. J.	Newsy	C	

4. Allow for the installation to complete

🐙 Easy VBAI	-		\times
0verall Progress: 24% Complete			
-			
			_
<< Back Next >>	2	Cance	

5. Click "Finish" once installation is complete.

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🛃 Easy VBAI	5		\times
Installation Complete			
The installer has finished updating your system.			
<< Back	Next >>	Finish	

• Restart the computer before running Easy VBAI application.

2.3. Additional Software Details

- NI vision builder AI uses NI Vision Acquisition software to acquire, display and save images and to configure driver software and hardware. This driver is required to get real time images from cameras like USB devices, GigE Vision devices, NI smart cameras etc.
- To download this driver or to get more info follow the link. <u>http://www.ni.com/download/ni-vision-acquisition-software-august-2014-f1/4974/en/</u>
- Vision Builder AI will show a pop up window (when in evaluation mode) every time EasyVBAI application is launched. To continue running it in evaluation mode click on "Launch Vision Builder AI".

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_	NI Vision Builder Al	×	
	17 - 1 2 - 1		8
	Vision Builder AI Full-Featured Evaluation 6 days remaining	Launch Vision Builder AI	
0.9		Activate Products	-
		Purchase Products	
La		Cancel	
	Do not show this dialog again	More product information	HNOLOGIES

 User has to make sure that vision builder AI is activated before the evaluation period gets expired. Unactivated version will impact the performance of EasyVBAI application. Refer to Section 7 Troubleshooting Techniques in EasyVBAI User Manual to get more info on this.

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	NI Vision Builder Al	× NATIONAL INSTRUMENTS	
3 4	License Status Vision Extend Evaluation You have 6 days remaining to evaluate this software. Would you like evaluation period?	to extend the	
	Yes No	Cancel	

- To uninstall Easy VBAI application, Open Control Panel >> Programs and Features
- Locate Easy VBAI application (Ref. Point 1) and Click uninstall (Ref point 2).



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3. Support

For support, please email ARAV Technologies at info@aravtech.com

You can also reach us at the below mentioned number from 10:00 AM to 06:00 PM (IST) for any query or issues.

Contact details (Office) - +91- 8806002266 (India)

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