Vision Family

User Manual

HXT-IT-86xx Series Installation Assistant

Revision Date	Revision	Revision Description	Author			
2013/09/03	1.1.0	Initial Version	Neal.Ho			

Revision History

前言:

此文件敘述宏相科技高速影像平台的軟體安裝,協助客戶可以順利 安裝並使用宏相影像平台。依照此文件安裝流程可以協助客戶快速 安裝。

安裝說明主要分成2部分,如下:

- A. 宏相科技影像平台 Installer 安裝以及影像卡驅動程式安裝, Step 1~19.
- B. NI Camera File 指定到對應影像卡, Step 20~25.

Installer 安裝以及影像卡驅動程式安裝

Step 1. 插入安裝光碟至電腦,電腦將出現宏相科技安裝 CD 資訊。



Step 2. 點選打開安裝光碟內容,尋找 HXT-IT-86xx 系列 installer 目錄。





Step 3. 進入 HXT-IT-86xx Series Installer 目錄,尋找並進入 Volume 目錄。





Step 4. 尋找 Setup.exe 檔案,點選雙擊滑鼠執行安裝

🖏 HXT-IT-86xx installer 📃 🗖	
It is strongly recommended that you exit all programs before running this installer. Applications that run in the background, such as virus-scanning utilities, might cause the installer to take longer than average to complete.	
Please wait while the installer initializes.	
Cano	el

Step 5. 點選 Setup.exe 檔案, 雙擊滑鼠執行後安裝程式進行

Step 6. 安裝過程出現安裝路徑提示,請直接點選"Next"進行到下一步。

HXT-IT-86xx installer	- • •
Destination Directory Select the primary installation directory.	
All software will be installed in the following locations. To install software into a different locations, click the Browse button and select another directory.	
Directory for HXT-IT-86xx installer	
C:\Program Files\HXT-IT-86xx installer\	Browse
Directory for National Instruments products C:\Program Files\National Instruments\	Browse
<< Back Next >	> <u>C</u> ancel

Step 7. 請點選 Next 以進行下一步。 ✓ HXT-IT-86xx installer Product Notifications Please read the following information about the configuration you have selected. Intel Pro 1000 Network Interface Devices - NI-IMAQdx Installing the High-Performance GigE Vision Driver If you do not want to use the HighPerformance GigE Vision driver, click Back to return to the Feature Tree, and deselect the following installation option: NI-IMAQdx>High-Performance GigE Vision Driver Save File... << Back Next >> Cancel

Step 8. 出現程式安裝版權宣告,請點選 I accept the above 2 License Agreement 選項以及下一步。

💭 HXT-IT-86xx installer	- • •
License Agreement You must accept the licenses displayed below to proceed.	
NI IVI	
NATIONAL INSTRUMENTS SOFTWARE LICENSE AGRE	EMENT 🔒
INSTALLATION NOTICE: THIS IS A CONTRACT. BEFORE YOU DOWNLOAD THE SC AND/OR COMPLETE THE INSTALLATION PROCESS, CAREFULLY READ THIS AGE BY DOWNLOADING THE SOFTWARE AND/OR CLICKING THE APPLICABLE BUTTO COMPLETE THE INSTALLATION PROCESS, YOU CONSENT TO THE TERMS OF TH AGREEMENT AND YOU AGREE TO BE BOUND BY THIS AGREEMENT. IF YOU DO N TO BECOME A PARTY TO THIS AGREEMENT AND BE BOUND BY ALL OF ITS TERM CONDITIONS, CLICK THE APPROPRIATE BUTTON TO CANCEL THE INSTALLATION PROCESS, DO NOT INSTALL OR USE THE SOFTWARE, AND RETURN THE SOFTW WITHIN THIRTY (30) DAYS OF RECEIPT OF THE SOFTWARE (WITH ALL ACCOMPA WRITTEN MATERIALS, ALONG WITH THEIR CONTAINERS) TO THE PLACE YOU OF The software to which this National Instruments license applies is HXT-IT-86xx installer.	DFTWARE REEMENT. IN TO HIS NOT WISH IS AND IN WARE INVING RTAINED
I accept the above 2 License Age	greement(s).
I do not accept all these License	e Agreements.
<	Cancel

Step 9. 請點選 Next 以進行下一步。

4 HXT-IT-86xx installer			×
Start Installation Review the following summary before continuing.			
Adding or Changing • NI Vision Run-Time Engine 2012 SP1 • NET Languages Support ActiveX Support • NI-Intel8254x • NI LabVIEW 2009 Real-Time MSVS71 Support • NI-Intel8254x 4.0 • NI-MAQ 4.7.2 • NI-MAQd x.1 • NI-Serial 3.9 for LabVIEW Real-Time • NI GigE Vision 4.1 • NI-Serial 3.9.1 • Severa Smart Camera for LabVIEW Real-Time 2010 • HXT-IT-86xx installer Files • NI-VISA 5.3 • Run Time Support Configuration Support Development Support Development Support Real-Time Support Real-Time Support Click the Next button to begin installation. Click the Back button to change the interval	installation settings.		
Save File) << Back	Next >>	Cancel	

Step 10. 安裝程式進行中。

🖫 HXT-IT-86xx installer		
Overall Progress: 0% Complete		
•		
Publishing product information		
	<< Back Ne	ext >> Cancel

Step 11. 請點選 Next 以進行下一步。

🖏 HXT-IT-86xx installer			×
Installation Complete			
The installer has finished updating your system.			
Some of the installed products require activation. Activate these products now.			
<< Back Next >>)F	inish	

Step 12. 出現網路啟動提示資訊,點選 Cancel 跳過此步驟。

NI Activation Wizard
Welcome to the National Instruments Activation Wizard
Complete the Activation Wizard to activate your product. Activation is the process of acquiring and applying an activation code.
Automatically activate through a secure Internet connection
O Use a Web browser, email client, telephone, or fax machine to acquire an activation code
\bigcirc Apply one or more 20-character activation codes previously acquired for this computer
Understanding the National Instruments Software License Agreement
How can I move an activated product to a different computer?
Help <<< Back Next >> Cancel



Step 1	3. 會跳出	NI Camera	File Generator	安裝視窗	,	等候安裝。	D
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Step 14. 安裝程序完成,點選 Finish 以進行到下一步。



Step 15. 會跳出一視窗。



Step 16. 點選 Restart, 重新啟動電腦。







Step 17. 重新啟動電腦後,點選桌面上的 HXT-IT-86xx Installer 目錄。

Step 18. 點選雙擊 1.MAX Init 程式,下方工作列上會顯示程式圖示,待圖示消失後即可。





Step 19.	點選雙擊 2.Replaceicd name 程式,下方工作列上會顯示
程式圖示	:,待圖示消失後即可。

user										
電腦										
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影像擷取程式啟動方法

Step 20. 插入安裝光碟至電腦,電腦將出現影像擷取程式 ver7.0000。



Step 21. 執行影像擷取程式 MultiDemo。

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☆ 我的最愛	名稱 ^	修改日期	類型	大小
🚺 下載	Application	2013/8/29 下午 0	檔案資料夾	
三 桌面	Camera Module Library User Manual 2	2012/4/19 下午 1	DOC 檔案	3,916 KB
週 最近的位置	🚳 CameraModuleDLL.dll	2013/6/3 下午 04	應用程式擴充	384 KB
	CameraModuleDLL.h	2013/6/3 下午 03	H檔案	15 KB
🍃 媒體櫃	CameraModuleDLL.lib	2013/6/3 下午 04	LIB 檔案	31 KB
▶ 文件	🚳 HxtLVLib.dll	2011/11/16 下午	應用程式擴充	558 KB
音樂	HxtLVLib.lib	2011/11/16 下午	LIB 檔案	12 KB
₩ 視訊	MultiDemo	2013/6/3 下午 04	應用程式	384 KB
—— [1] 周月	OmniVison_OV5693_130820_Bison	2013/8/20下午 0	組態設定	12 KB
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DLL Display Stability Test Register Open Short Test	- -
Select Sensor: Bi	utton7
Debug s	nap
Maany Dispray color order	0
Start Disp. Stop Dis	p.
Save Image as File	
Sensor Info.	
width height	
wister di francia	nte
Close Interface	
System Information: 72b9-24d8-7b49-c217-cf51-3a20-f9da-b7a8	
DLL Ver. 7	moFinish

Step 22. 選取 Select Sensor,以便選取檔案。

Step 23. 選取 Sensor 設定的 ini 檔案,再按開啟即可。





img0 img1 img2 img3 img6 img7 Img1 img2 img2 img1 img2 img1 img2 img2 img1 img1 img2 img2 img1 img2 img2 img1 img2 img2 img1 img2 i	Multi Demo		•
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DLL Display DLL Display Display Display	migo migi migi migi migi migi migi migi		1
System Information: 722b3-24db-7b49-e217-ef51-3a2049de-b7a8 DLL Ver. 7		DLL Display Stability Test Register Open Short Test Select Sensor: Button	- -
Modify Display color order [] Star Disp. Stop Disp. Store or Info. Stop Disp. Sensor Info. Sensor Info. Width, height pixel cik System Information: T2b9-24db-7b49-e217-ef51-3a2049de-b7a8 DLL Ver. [7]		Load Sensor Debug Snap	
Start Disp. Start Disp. Sensor Into. Sensor Into. width,height pixel clk system (lk frame rate Item file is is Sensor Into. is <th></th> <th>Modify Display color order 0</th> <th></th>		Modify Display color order 0	
System Information: 7229-2468-7b49-e217-ef51-3a2049de-b7a8 DLL Ver. 7		Start Disp. Stop Disp.]
System Information: 72b9-24d8-7b49-e217-ef51-3a20-49de-b7a8 DLL Ver. 7		Sensor Info.	-
System Information: 722b3-2488-7b43-e217-ef51-3a20-49de-b7a8		width,height pixel clk	
System Information: 722b3-24d8-7b49-e217-ef51-3a20-49de-b7a8		system clk frame rate	
System Information: 7229-2408-7b49-e217-ef51-3a20-49de-b7a8		Image Info :	-
System Information: 7259-2408-7649-e217-ef51-3a20-f9da-b7a8 DLL Ver. 7		Item Description / Inc Look do (Successful) / Inc Look / Inc Look / Suc Ing Toward FGB / Suc Ing Toward FGB / Color Order in FGGB / Get Ing U 0 BGF / Color Order in FGGB / Get Ing U 0 BGF / Color mode No Pasel dept in 10 Service Type Du0 / Zo deltes 0.00000 / Dmic Votes 0.00000 / Colorse Interface	
System information. 17.05-2406-17.045-021-051-332.01508-07.80 DLL Ver. 7 DemoFinish	1		
	System mormaun. [/203/2408/04342/1/451-3820/308-b/88 DLL Ver. [7	DemoF	inish

Step 24. 點選 Start Disp.開始顯示影像。

Step 25. 程式畫面視窗即可看到鏡頭的影像。

