DeviceInstaller



Installation Guide Network Device EN Installation Software



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1.0 Introduction

The C900V2, DX4020, D9133TTL-E, and the C900TTL-E are Network Interface Modules (NIMs) that either convert or intercept digital data into network data with the use of a network interface module by Lantronix Inc. The D6680, D6682, and D6100i Network Adapters are also devices produced by Lantronix Inc. As new features are added to these modules, the firmware might need updating. To update these modules, use the DeviceInstaller software.

	Pay attention to which hardware revision you are attempting to upgrade. Each revision of hardware requires specific software.
	If the wrong software is loaded, it causes an inoperable unit that must be sent back to Bosch Security Systems, Inc. for repair.
i	This application is used only to upgrade firmware files to the network interface

modules. All other functions of this application

are not supported by Bosch Security Systems, Inc.

DeviceInstaller Overview 2.0

2.1 **Device Compatibility**

This utility upgrades the following Conettix products:

- C900TTL-E Dialer Capture Module
- C900V2 Dialer Capture Ethernet Module
- D6100i Communications Receiver/Gateway
- D6680 Ethernet Network Adapter •
- D6682 Ethernet Network Adapter
- D9133TTL-E Serial Interface Module
- DX4020 Network Interface Module

2.2 Requirements

The following software is required to use the DeviceInstaller application:

- Supported operating systems:
 - Microsoft Windows 2000 with Service Pack 2 or later
 - Microsoft Windows Server 2003
 - Microsoft Windows XP
 - Microsoft Windows Vista
 - **Microsoft Windows 7**
- Microsoft Internet Explorer 5 or later
- Microsoft .NET Framework 2.0

3.0 Install the Software

Insert the D6200 CD-ROM into your CD-ROM drive. The D6200 CD-ROM directory should automatically open.

If the CD-ROM directory does not automatically open:

- 1. Select Start→Run...
- At the prompt, type X: ("X" = the drive letter assigned to your CD-ROM drive).
- Click OK. The CD-ROM directory opens.



Microsoft .NET Framework 2.0 is not required for the Windows Vista operating systems.

If you are using the Windows Vista operating system, or if Microsoft .NET Framework 2.0 is already installed, go to *Section 3.2 Install DeviceInstaller*, page 5.

- 3.1 Install Microsoft .NET Framework 2.0
- From the CD-ROM directory, select Network Interface Modules and Software→Device Installer.
- Double-click the dotnetfx.exe file. After the installation files are extracted, the .NET Framework 2.0 Setup Welcome window opens.



3. Click Next.

The End-User License Agreement window opens.



 Select I accept the terms of the License Agreement, then click Next. The .NET Installing Components window shows the installation progress.

Figure 3: .NET Installing Components	Window
Hicrosoft .NET Framework 2.0 Setup	
Installing components	
The items you selected are being installed.	
Installation Progress:	
(*******	
Updating component registration	
DD_CA_PatchInstall_X86.3643236F_FC70_11D3_A536_0090278A18B8	
	Cancel

5. When the Setup Complete window opens, click **Finish**.



.NET Framework 2.0 is successfully installed.

3.2 Install DeviceInstaller

- 1. From the CD-ROM directory, select Network Interface Modules and Software→Device Installer.
- 2. Double-click the **Di32DL_x.x.x.y_Web.exe** file. The Location to Save Files window opens.



 Click Next to save the installation files in the default location. The Setup Wizard Welcome window opens.

Image: Setup Wizard Weicome Window Image:	
Welcome to the Lantronix DeviceInstaller 4.2.0.0 Setup Wizard	
The installer will guide you through the steps required to install Lantronix DeviceInstaller 4.4 your computer. WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in se or criminal penalties, and will be prosecuted to the maximum extent possible under the law.	2.0.0 on
Cancel < <u>B</u> ack <u>N</u>	ext >

4. Click Next.

The Select Installation Folder window opens.

Figure 7: Select Installa	tion Folder Window
🖟 Lantronix DeviceInstaller 4.2.0.0	
Select Installation Folder	
The installer will install Lantronix DeviceInstaller 4	.2.0.0 to the following folder.
To install in this folder, click "Next". To install to a Eolder: [C:\Program Files\Lantronix\DeviceInstaller4.2	a different folder, enter it below or click "Browse".
	ancel < <u>B</u> ack <u>N</u> ext >

5. Click **Next** to install DeviceInstaller in the default folder.

The Confirm Installation window opens.

Figure 8: Confirm Installation Window	
Lantronix DeviceInstaller 4.2.0.0	
Confirm Installation	
The installer is ready to install Lantronix DeviceInstaller 4.2.0.0 on your computer.	
Click "Next" to start the installation.	
Cancel (<u>B</u> ack	<u>N</u> ext >

6. Click Next.

When the installation is completed, the Installation Complete window opens.

Figure 9: Installation Complete Window
i Lantronix DeviceInstaller 4.2.0.0
Installation Complete
Lantronix DeviceInstaller 4.2.0.0 has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel < <u>B</u> ack Close

7. Click **Close** to exit from the Setup Wizard. DeviceInstaller is successfully installed.

4.0 Upgrade Device Firmware

4.1 Upgrading XPort-03/04 to v5.x.x.x Devices

- To start the DeviceInstaller application, select Start→All Programs→ Lantronix→ DeviceInstaller 4.2→DeviceInstaller. When startup is complete, the DeviceInstaller application queries the network for all installed Lantronix devices.
- 2. Select the device to upgrade from either the tree pane on the left side of the application (expand the node and select the device with the IP address), or the device pane on the right side. The **Upgrade** button appears in the toolbar when a device is selected.

Figure 10: D	evice	elnsta	ller U	Jser Ir	nterface)	
Ele Edit View Device Installer 4.2.	0.1 Beb	3					
Son Lanthonic Devices - 1 device(s) Son Lanthonic Devices - 1 devices - 1 device(s) Son Lanthonic Devices - 1 dev	Type	Name	Group	IP Address 192.160.0.2	Hardware Address 00-20-40-01-07-FE	Status Unreschable	
				2			
C >	t have their IP add	ress assigned or their	IP address is on	a different subnet.			
1- Tree pan	ie						

2- Device pane

Г

- 3- Upgrade button
- Click the Upgrade button. The Upgrade Wizard starts.

Figure 11: Select LXI File

32.	Tris whad helps install firmuse, applications, web pages, and other configuration settings.
10 mg	Create a curtom installation by specifying individual files (Typical)
	Use a specific installation file (D4) (previously saved by user)
	Rissin
	To continue, click Next.

 Click Use a specific installation file (LXI), then click Browse.
 The Select Installation File window opens.



- 5. Navigate to the D6200 CD-ROM, then to Network Interface Modules Software→Firmware Installation Files (LXI).
- 6. Select the DX4020-C900V2_v5.x.x.x-to-v6-Boot_(XPort-03).lxi file. Click Open.

The Upgrade Wizard continues. When the boot code is installed, a confirmation message appears.

Figure 13: Boo	ot Code Installation Success
Device Upgrade Witzard Step 2 (the installation completed successfully. Click. Close to exit. [2 Succeeded [0 Failed] [152:188:1.20:00-20:44-80-14:36] Update Immuse (ept03ubg, v21 anot)Succeeded [152:188:1.20:00-20:44-80-14:36] Wall for book with new ImmuseSucceeded
	< Back Next > Cose Hep
At this the de v5.x.x boot c	point in the upgrade procedure, vice is not yet upgraded from .x firmware to v6.x.x.x. Only the ode is loaded.

On the XPort-03/04 device, check the status LEDs on the XPort. Both LEDs should be flashing simultaneously to indicate that the upgrade is in progress, but the device is not ready for normal operation. Refer to *Figure 14* for the location of the XPort LEDs.

Figure 14: XPort LEDs (DX4020 example)



- 7. An error message appears on the DeviceInstaller user interface. Click **OK** to continue.
- On the DeviceInstaller user interface, click the Search button to refresh both panes. At first, the device shows as an XPort-03/04 v2 device in the tree pane until the search function is completed. The device then updates to an XPort-03/04 v6 device.
- 9. Click the **Upgrade** button. The Upgrade Wizard starts.

Figure 15: Select LXI File

1 10 y	This wizard helps install firmware, applications, web pages, and other configuration settings.
1000	© Create a custom installation by specifying individual files (Typical)
MEAT	Use a specific installation file (UR) (previously saved by user)
	Boston
	1 - 25 / X23233
	To continue, click Next

 Click Use a specific installation file (LXI), then click Browse.
 The Select Installation File window opens.

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- 11. Navigate to the D6200 CD-ROM, then to Network Interface Modules Software→Firmware Installation Files (LXI).
- 12. Select the DX4020-C900V2_v6.x.x.v-tov6.1.8.3_(XPort-03).lxi file.
- 13. Click **Open**. The Upgrade Wizard continues.
- 14. Click **Next** to install the files. The update starts. A confirmation message appears indicating whether or not the update was successful. If the update attempt fails, the wrong installation file was selected for the device.



4.2 Upgrading Devices Other Than XPort-03/04 v5.x.x.x

 To start the DeviceInstaller application, select Start→All Programs→ Lantronix→ DeviceInstaller 4.2→DeviceInstaller. When startup is complete, the DeviceInstaller application queries the network for all installed Lantronix devices. 2. Select the device to upgrade from either the tree pane on the left side of the application (expand the node and select the device with the IP address), or the device pane on the right side. The **Upgrade** button appears in the toolbar when a device is selected.

Ele Edit Yew Device Tools	0.1 Beb	3				
Lantonin Devices -1 device(s) Second Area Connection (10.25 Second Area Connection (10.25 Second Area Connection (10.25	Type	Name	Group	IP Address 192.168.0.2	Hardware Address 00-20-4A-81-3F-FE	Statur Unreschable
				2		
C >	t have their IP addr	ess assigned or their	IP address is on	a different subnet.		
1- Tree par	пе					

3. Click the **Upgrade** button. The Upgrade Wizard starts.

Figure 19: Select LXI File



 Click Use a specific installation file (LXI), then click Browse.
 The Select Installation File window opens.



- 5. Navigate to the D6200 CD-ROM, then to Network Interface Modules Software→Firmware Installation Files (LXI).
- Select the appropriate LXI file for the device. Refer to *Table 1* and *Table 2* on page 10. Click **Open**. The Upgrade Wizard continues.

- 7. Click **Next** to install the files.
 - The update starts. A confirmation message appears indicating whether or not the update was successful. If the update attempt fails, the wrong installation file was selected for the device.

Figure 21: Upgrade Success

The initialition completed successful. Ck 1922 1681 20 00:20:44:80-14:36[Up 1932 1681 20 00:20:44:80-14:36] Up 1932 1681 20 00:20:44:80-14:36] Up	A. Dave to will. 2 Succeeded Safe Timware (program, 5 Succeeded at for boot with new Timware Succeeded to boot with new Timware Succeeded	0 Faled cceeded
CBack Heat 5	Cloce Help	

	UDS F	amily	XPort Family		
Device	Hardware Revision 1 (CBXM-ERAD)	Hardware Revision 2 (CM-E2-RAD)	XPort-01	XPort-03/04	
D9133TTL-E	cbx5884.rom D9133- C900TTL_(CBXM- ERAD).lxi	ltx5884.rom D9133- C900TTL_(CM-E2- RAD).lxi	N/A	N/A	
C900TTL-E	cbx5884.rom D9133- C900TTL_(CBXM- ERAD).lxi	ltx5884.rom D9133- C900TTL_(CM-E2- RAD).lxi	N/A	N/A	
DX4020	N/A	N/A	xpt_5883.rom DX4020- C900V2_(XPort-01).lxi	Xpt03_6183.rom DX4020-C900V2_v6.x.x.x-to- v6.1.8.3_(XPort-03).lxi	
C900V2	N/A	N/A	xpt_5883.rom DX4020- C900V2_(XPort-01).lxi	Xpt03_6183.rom DX4020-C900V2_v6.x.x.x-to- v6.1.8.3_(XPort-03).lxi	
D6100i	N/A	N/A	N/A	Xpt03_6183.rom	

Table 1: Proper Software Version to Use Based on Hardware Revision

Table 2: Proper Software Version to Use Based on CoBox Hardware Revision

		UDS Family	
Device	CoBox Hardware Revision 1 (COBOX-EXT-ENET)	CoBox Hardware Revision 2 (COBOX-FL-01)	D6682 Ethernet Network Adapter (UDS2100)
D6680	cbx5884.rom D6680_(Cobox-E2).lxi	ltx5884.rom D6680_(Cobox-FL-01).lxi	N/A
D6682	N/A	N/A	D6682_(UDS2100).lxi

You can identify which XPort module you have by looking at the last two digits of the module's label.

For example, on an XPort-01 label:



You can identify the Conettix product's hardware version by looking at the label on the side of the product:



i

5.0 Uninstall DeviceInstaller

1. Select **Start→Settings→Control Panel**. The Control Panel window opens.

Figure 22: Control Panel Window			
🚱 Control Panel			
<u>File Edit View Favorites Tools</u>	Help		
🕝 Back 👻 🌍 - 🎓 🔎	Search 彦 Folders 🛄 🔹		
Address 📴 Control Panel		💌 🄁 Go	
	Name 🔺	Comments	
See Also 🉁	Accessibility Options	Adjust your comput	
A 115 dame the data	Rdd Hardware	Installs and trouble	
windows opdate	📸 Add or Remove Programs	Install or remove pr	
Help and Support	administrative Tools	Configure administr	
	🌯 Automatic Updates	Set up Windows to	
	ADDAte and Time	Set the date, time,	
	🛞 Display	Change the appear	
	M Folder Options	Customize the displ	
	C Fonts	Add, change, and	
	Same Controllers	Add, remove, and c	
	Internet Options	Configure your Inte	
	🖆 Java	Java(TM) Control P	
	a Keyboard	Customize your key	
	🧶 Mail	Microsoft Office Ou	
	Mouse	Customize your mo	
	Mero BurnRights	Specify the CD/DVD	
	Network Connections	Connects to other c	
	SINVIDIA Control Panel	Configure your NVI	
	NVIDIA nView Desktop Manager	Configure your NVI	

- 2. Click Add or Remove Programs. The Add or Remove Programs utility starts.
- 3. Scroll to Lantronix DeviceInstaller x.x.x.x, and click once to select it.

Add or Re	nove Programs][
-	Currently installed programs:	Show updates	Sort by: Name		*
sange or					
Programs	B Java 2 Runtime Environment, SE v1.4.2_06		Size	137.00MB	
9	15 LAH TT53000 Español				
39 - I	159 LEH TTS3000 Portuguës (Brasil)			2.0.000	ł.
vdd New rograms	Lantronix DeviceInstaller 4.2.0.1 (32bit)			4.63MB	
1	Gios here for support information.		Used	occasionally	l.
6			Last Used Un	12/2/2008	
d/Remove	To change this program or remove it from your computer, do	unange or kemove.	Change	Remove	1
Mindows imponents	B Lernout & Hauspie TruVoice American English TTS Engine				1
	Macromedia Dreamweaver MDC		Size	109.00MB	
•	🚳 Macromedia Extension Manager		Size	0.55MB	
Set Program Access and Defaults	🚱 Macromedia Flash MX		Size	70.00MB	
	G Macromedia FreeHand 10		Size	36.08MB	
	G Macromedia FreeHand MX		Stre	36.29MB	
	Microsoft .NET Framework 1.1		Size	36.15MB	
	Horosoft .NET Framework 2.0		Size	00.52MB	
	Microsoft Office 2003 German User Interface Pack		Size	270.00MB	
	Git Microsoft Office 2003 Spanish User Interface Pack		Size	273.00MB	
	Microsoft Office Communicator 2005		Cas	10 0000	Y

 To remove the program, click the Change or Remove Programs button.
 A confirmation window appears prompting you to confirm the program's removal.

Figure 24: Add or Remove Confirmation



- 5. Click **Yes** to continue.
 - A window appears showing an animation of files flying from a folder and disappearing. A task bar is at the bottom showing the progress of the removal. When the Remove process is completed, a new window appears stating that all components were successfully removed.
- 6. Click the **Finish** button to close this window.

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