

DX9000RM-KIT



C644M (1/04)

CONTENTS

Section

DESCRIPTION	3
NSTALLATION	4
BIOS CONFIGURATION PROCEDURE	4
GHOST PROCEDURE	6
LOADING RAID MANAGER SOFTWARE	6
RAID MANAGER INSTALLATION	12
CONFIGURE THE RAID MANAGER SERVER	16

LIST OF ILLUSTRATIONS

<u>Figure</u>

<u>Page</u>

Page

1	CMOS Setup Utility	. 4
2	Advanced BIOS Features	. 5
3	Save to CMOS Prompt	. 5
4	Raid Manager Folder Copy Procedure	. 6
5	DX9000 Recorder	. 7
6	Login Window	7
7	Recorder Applications	. 8
8	Viewstation Name	. 8
9	Additional Installs Folder	9
10	Raid Manager Folder	. 10
11	Raid Manager Software Copy Procedure	. 11
12	Setup Program Folder	. 12
13	Welcome Dialog Box	. 12
14	Software License Agreement Dialog Box	. 13
15	Choose Destination Location Dialog Box	. 13
16	Select Components Dialog Box	. 14
17	Raid Manager Server Component	. 14
18	Select Program Folder Dialog Box	. 15
19	Detect Option Dialog Box	. 16
20	Raid Manager Watch Window	. 16
21	Run at Windows Startup Menu Option	. 17
22	Remove at Windows Startup Menu Option	. 17

DESCRIPTION

The DX9000RM-KIT allows you to upgrade DX9000 recorders and viewstations with the same RAID Manager software that is found in DX9200 recorders and DX9100 viewstations. To perform the upgrade, you need the following:

- DX9000RM-KIT
- DX9000 recorder with external IDE storage unit
- DX9000 viewstation

INSTALLATION

Make sure the following parts are included with your kit.

- 1 Viewstation Disk #1
- 1 Viewstation Disk #2
- 1 Viewstation Disk #3
- 1 Recorder Disk
- 1 Floppy Ghost Disk

NOTE: You must write down your system's name and IP address, and export all videos before starting these procedures.

BIOS CONFIGURATION PROCEDURE

This procedure allows you to boot from the CD-ROM.

- 1. Turn the viewstation on.
- 2. Press Delete each time you are prompted during startup. The following screen appears.



Figure 1. CMOS Setup Utility

CMDS Setup Utility - Copyright (C) 1984-2001 Award Software Advanced BIOS Features					
Virus Warning	Disabled A	Item Help			
External Cache	Enabled	Menu Level 🕨			
CPU L2 Cache ECC Checking Processor Serial Number	Enabled Disabled	Select Your Boot			
Quick Power On Self Test	Enabled	Device Priority			
Second Boot Device	Floppy				
Third Boot Device Boot Other Device	HDD-0 Enabled				
Swap Floppy Drive Boot Up Floppu Seek	Disabled Enabled				
Boot Up NumLock Status	On Nonwal				
Security Option	Setup				
US Select For DRAM > 64MB Video BIOS Shadow	Non-OSZ Enabled				
CB 000 -CBFFF Shadow CC 000 -CFFFF Shadow	Disabled Disabled v				
11++:Move Enter:Select +/-/PU/PD:Value F10:Save ESC:Exit F1:General Help F5:Previous Values F6:Fail-Safe Defaults F7:Optimized Defaults					

3. Select Advanced BIOS Features, and then press Enter. The following screen appears.

Figure 2. Advanced BIOS Features

- 4. Select CDROM as the First Boot Device, and then press Enter.
- 5. Select Floppy as the Second Boot Device, and then press Enter.
- 6. Select HDD-0 as the Third Boot Device, and then press Enter.
- 7. Press Esc.
- 8. Press F10. The following prompt appears.



Figure 3. Save to CMOS Prompt

9. Press Y. The system restarts.

GHOST PROCEDURE

This procedure allows you to configure your master viewstation.

- 1. Close all applications on the viewstation.
- 2. Insert Viewstation Disk #1 (CD-DX9000RM-VS1) into the CD-ROM drive of the viewstation.
- 3. Go to Start > Shutdown > Restart.
- 4. Press Enter at the Norton Ghost boot screen. Ghost starts the installation process.
- 5. Insert Viewstation Disk #2 (CD-DX9000RM-VS2) when requested, and then press Enter.
- 6. Insert Viewstation Disk #3 (CD-DX9000RM-VS3) when requested, and then press Enter. You will see the A:>Prompt when the process is complete.
- 7. Remove Viewstation Disk #3, and then press Ctrl+Alt+Del. The viewstation starts and performs a scan disk operation, restarts automatically, and then prompts you to restart again.
- 8. Left-click the Yes button, and then close any error messages that appear.
- 9. Configure the date and time, IP address, network identification, and Client Configuration Utility on your master viewstation. Refer to the DX9000 Viewstation Operation manual.
- Configure the web page address, Internet Explorer settings, the recorders, and the Event Notification settings. Refer to the *RAID Manager Utility* and *RAID Manager Home Page* sections in the DX9200 Digital Video Recorder & DX9100 Viewstation Installation manual.

LOADING RAID MANAGER SOFTWARE

The following steps show how to install the RAID Manager software on DX9000 recorders.

- 1. Load the RAID Manager software (CD-DX9000RM-R1) into the CD-ROM drive of any viewstation.
- 2. Copy the Raid Manager folder from the CD-ROM to the C:\Additional Installs folder on the viewstation.

<u></u> D:∖	_ 🗆 ×			
File Edit View Favorites To	ols Help			
🗧 🗘 Back 🔹 🔿 👻 🔂 🥘 Search	🕒 Folders 🎯 History 📑 📴 😕	C:\Additional Installs		×
Address 🔊 D:\	▼ @Go	File Edit View Fav	orites Tools Help	
	Name 📣	<> Back → → → 🔂	🔇 Search 🖓 Folders 🄇 Histo	אין אד אין איז
	Raid Manager 1.1(03.08.20)	Address 🔂 C:\Additional	Installs	▼ ∂°60
021020 1020 (D)		12-1-1	Name 🛆	
031030_1029 (D:)			Adaptec Win2k Driv	er
Raid Manager 1 1(03 08 20)		e dditi a wel Twet	Audit Viewer 3.2.50)
File Folder			C1.1 upgrade tools	(23.2.2003)
Modified: 10/06/03 6:56 AM		Select an item to view its	DX 9000 Viewstatio	11#3.2.90 Bre
Attributes Band and		description.	intel driver 6.01.03	.000
Attributes: Read-only		See also:	🛄 intel pro	
		My Documents	interface	
		My Network Places	Matrox G-450	
		My Computer	Mylex Bios Upgrade	
			Mylex Sortware Kit	3.01
			Datch 28, 33	
			PC Anywhere	
			Pelco_Server#3.1.	1.28
			Portwell Drivers	
		Raid	QLogic GEM 359 SC	SI DRIVER
		Co	by Here lager 1.1(0	13.08.20)
		Mov	ve Here	
			tion Patch	
		Car	icel ish	
			Win2K SP 1	
			Win2k SP 2	
1 object(s) selected	My Computer		•	Þ
	///	24 object(s)	0 bytes	🖵 My Computer 💋

Figure 4. Raid Manager Folder Copy Procedure

3. Use pcAnywhere™ remote control software to select the recorder you wish to install the RAID Manager software on. Figure 5 shows a recorder named PELC0124.

💣 pcAnywhere Waiting			
TCP/IP Hosts			
DIGITALSRVR1 DX9000IMGSRVR PELC01 PELC0124	100.0.0100 100.0.0.63 100.0.0.181 100.0.0.122	[Host] [Host] [Host] [Host]	 Available Busy In Conference Unknown OK Cancel Help
,	Waiting for select	ion	

Figure 5. DX9000 Recorder

4. Click OK. The login window appears.

pcAnywhere Ho	st Login	×
Please enter y	our login information:	OK
Username:	admin	Cancel
Password:	XXXXX	

Figure 6. Login Window

5. Enter your username and password. The default username is **admin** and the default password is **admin**.

6. Click OK. The following window appears.

PELCO124 pcAnywhere				_ 🗆 🗙
			e" I I	00:00
My Computer				
My Network Plauss	🗏 DX 9000 Recording Server			
Recycla Bin	Recording server Information NTSC Format C F Resolution Hall Frame rate Tatal 4C Channels Recorder	Option: About Details >>>		
<u>j</u>				
DX 9000 Server Co				
🏽 🏦 Start 🛛 🖆 🌾 🎲 🗍 🚥 DX 9000 Ser	ver Attendant DX 9000 Recording Se		CEDØd®	8:35 AM

Figure 7. Recorder Applications

- 7. Close all applications on the recorder, such as the DX9000 Recording Server application and DX9000 Server Attendant application.
- 8. Go to Start > Run and enter **\viewstation name\C\$** where **viewstation name** is the actual name of the viewstation. Figure 8 shows a viewstation name of **pelcovs1**.

🔗 PELCO124 - pcAnywhere		_ 🗆 🗙
	e 1 1	00:09
My Computer		
Run ? × My Network Places Type the name of a program, folder, document, or Internet resource, and Windows will open it for you. Open: \\pelcovs1\c\$ Recycle Bin OK		
Server Co		
Astart	▋▋₿₡₫₽	8:51 AM

Figure 8. Viewstation Name

9. Click OK. The login window appears.

10. Enter your username and password. The default username is **admin** and the default password is **1234**. The following window appears.



Figure 9. Additional Installs Folder

11. Open the Additional Installs folder on the viewstation. The following window appears.

PELCO124	- pcAnywhere	9 (1 4 (1 4	-	-	-		e ! !	×
My Computer								
	M\\pelcovs1\c\$\0dditional Inst	alle						1
My Network Places	File Edit View Favorites Ti	ools Help						
	 │ ← Back ▼ ⇒ ▼ 🖻 │ @ Searc	h 🖓 Folders	History	88ו	0			
Recycle Bin	Address 🗋 \\pelcovs1\c\$\Additiona	Installs					▼ @Go	
(Ca								
DX 9000	Additional Installs	Adaptec Win2k Driver	Audit Viewer 3.2.50	C1.1 upgrade tools (23.2	DX 9000 Viewstation	IDE Proware Firmware	intel driver 6.01.03.000	
Server Co	This folder is Online .							
	Raid Manager 1.1(03.08.20) File Folder	intel pro	Interface	Matrox G-450	Mylex Bios Upgrade	Mylex Software	Mylex Win2k Driver	
	Modified: 10/06/03 6:58 AM							
	Attributes: (normal)	patch 28_33	PC Anywhere	Pelco_Serve	Portwell Drivers	QLogic GEM 359 SCSI	Raid Manager 1.1(03.08.20)	
		Roxio	U.S. Robotics	View Station Patch	white crush	Win2K SP 1	Win2k SP 2	
	1 object(s) selected					📴 Local intr	anet //	
Image: Start Image: Start<								

Figure 10. Raid Manager Folder

12. Copy the RAID Manager software on the viewstation to the Additional Installs folder on the recorder.

🖉 PELCO124 - pcAnywhere		
		e]] 00:05
= C:\	<u>- 🗆 ×</u>	
File Edit View Favorites Tools Help	N\pelcovs1\c\$\Additional Installs	_ [D] ×
🔄 🗇 Back 🔻 🖘 🖈 🔁 🔞 Search 🖓 Folders 👹 History 🥂	File Edit View Favorites Tools Help	10
Address C:\		(③History 다 다 아 »
	Address (\\pelcovs1\c\$\Additional Installs	▼ @Go
Paid M Copy Here		
Local Disk (C:) Create Shortcut(s) Her	re Pelco_Serve	Portwell
Select an item to view its description. Capacity: 18.6 GB Used: 3.32 GB Free: 15.3 GB 9 object(s) (plus 2 hidden) 0 bytes	Iditional Installs Inis folder is Online. Raid Manager 1.1(03.08.20) File Folder Modified: 10/06/03 6:58 AM Attributes: (normal) Roxio View Station Patch	Drivers Raid Manager 1.1(03.08.20) U.S. Robotics white crush
Start	1 object(s) selected	Min2k SD 2

Figure 11. Raid Manager Software Copy Procedure

13. Close the network connection to the viewstation and install the Raid Manager.

RAID MANAGER INSTALLATION

Before you install this utility on the recorder, you must install it on the administrator viewstation.

1. Open the Additional Installs folder on the recorder. The following window appears.



Figure 12. Setup Program Folder

2. Double-click SETUP. The following dialog box appears.



Figure 13. Welcome Dialog Box

3. Click Next. The following dialog box appears.



Figure 14. Software License Agreement Dialog Box

4. Click Yes. The following dialog box appears.

Choose Destination Loca	tion 🗙
	Setup will install Raid Manager in the following folder.
	To install to this folder, click Next.
	To install to a different folder, click Browse and select another folder.
	You can choose not to install Raid Manager by clicking Cancel to exit Setup.
Installs	Destination Folder C:\Program Files\Raid Manager Utility Browse
	< Back Next > Cancel

Figure 15. Choose Destination Location Dialog Box

5. Click Next. The following dialog box appears.

Select Components				x
	Select the compo you do not want t	nents you wa o install.	nt to install, clear	the components
	Components			
	✔ Raid Manager ✔ Raid Manager	Server Gateway		5274 K 11002 K
	Description			Change
Inst	Space Required: Space Available:			39851 K 4194303 K
		< Back	Next >	Cancel

Figure 16. Select Components Dialog Box

6. Select Raid Manager Server, and then click Next. The following dialog box appears.

Select Components		X
	Select the components you want to install, you do not want to install.	clear the components
< -/	Components	
	✔ Raid Manager Server Raid Manager Gateway	5274 K 0 K
	- Description	Change
Inste	Space Required: Space Available:	5274 K 4194303 K
	< Back Next >	Cancel

Figure 17. Raid Manager Server Component

7. Click Next. The following dialog box appears.

Select Program Folder		×
\checkmark	Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue.	
	Program Folders:	_
	Raid Manager Utility	
	Existing Folders:	
	Accessories Administrative Tools DX 9000 Server	
	Raid Manager Utility	I.
sta	Startup	
9	I	
		-
	< Back Next > Cancel	

Figure 18. Select Program Folder Dialog Box

8. Click Next and then Finish.

CONFIGURE THE RAID MANAGER SERVER

1. Go to Start > Programs > Raid Manager Utility > Raid Manager Server > Raid Manager Server. The following dialog box appears.

Detect Option	
Found 1 SCSI/Fibre RAID	Controller(s).
Detect COM Port ? C Yes @ No	
	ОК

Figure 19. Detect Option Dialog Box

- 2. Verify that the process found "1 SCSI/Fiber RAID Controller."
- 3. Select No, and then click OK. The following window appears.

🏽 Raid Manager Watch					_ 🗆 ×
Maximum Support 6 Controll	ers		*		
000004489100211	ACS 8910		SCSI	ID:0/LUN:0	N/A
1		OK			

Figure 20. Raid Manager Watch Window

- 4. Verify that the RAID Utility detected the SCSI unit.
- 5. Click OK. The Raid Manager Server icon appears on the taskbar.

6. Right-click the Raid Manager Server icon. The following menu appears.



Figure 21. Run at Windows Startup Menu Option

- 7. Select "Run at Windows Startup."
- 8. Right-click the icon again to verify that "Run at Windows Startup" changed to "Remove from Windows Startup."
- 9. Select Disable Detect and verify that Enable Detect appears.

Remove from Windows Startup	
Enable Detect	
Raid Manager Watch	
Exit	

Figure 22. Remove at Windows Startup Menu Option

10. Restart the recorder.

REVISION HISTORY

Manual #DateCommentsC644M1/04Original version.

B Pelco and the Pelco logo are registered trademarks of Pelco.
 W Windows is a registered trademark of Microsoft Corporation.
 ™ pcAnywhere is a trademark of Symantec.

C644M (1/04)

© Copyright 2004, Pelco. All rights reserved.



World Headquarters 3500 Pelco Way Clovis, California 93612 USA

> USA & Canada Tel: 800/289-9100 Fax: 800/289-9150

International Tel: 1-559/292-1981 Fax: 1-559/348-1120

www.pelco.com

ISO**9001**

Orangeburg, New York | Las Vegas, Nevada | Eindhoven, The Netherlands | Wokingham, United Kingdom | Montreal, Canada Singapore Free Manuals Download Website <u>http://myh66.com</u> <u>http://usermanuals.us</u> <u>http://www.somanuals.com</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.com</u> <u>http://www.404manual.com</u> <u>http://www.luxmanual.com</u> <u>http://aubethermostatmanual.com</u> Golf course search by state

http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

http://auto.somanuals.com TV manuals search

http://tv.somanuals.com