# **MAXPRO-Net**

# **Crosspoint Matrix Video Switching System**

# **MaxMon User's Manual**

ISSUE	DATE	REVISIONS
А	March 2005	Initial Release (PCN 1980)
В	March 2006	Updated MAXMON Installation Section

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# CHAPTER 1: INTRODUCTION

### 1.1 OVERVIEW OF MAXMON

MaxMon is a utility that provides user interface to monitor and communicate with the MAXPRO-Net Server. MaxMon can be installed on a local or remote networked laptop or desktop computer to connect to the MAXPRO-Net Server. MaxMon utility is designed to control all menu options and view all log data together in multiple windows.

Using MaxMon, you will be able to view the initial configuration data from MAXPRO-Net Server as configured in SetMax. You can monitor log data and also view the status of video inputs/outputs devices, alarms, keyboards, and monitors.

### 1.2 INSTALLING THE MAXMON UTILITY

- 1. Download the MAXPRO-Net software package to your computer.
- 2. Select and double-click the **Setup.exe** from the MAXPRO-Net Folder to start the installation. The Choose Setup Language dialog appears.

Choose	Setup Language 🛛 🔀
2	Select the language for this installation from the choices below.
	English (United States)
	OK Cancel

- 3. Select a language for the installation program.
- 4. Click **OK**. The Question dialog appears.

Questio	ni	
?	Installation will happen in English language. Do you	want to continue?
	<u>Y</u> es <u>N</u> o	

- 5. Click **Yes** to proceed with the installation. If you click **Yes**, skip steps 6 to 19 and proceed onto step 20 to continue with the installation. Click **No**, if you want to stop the installation and change the installation program language.
- 6. If you click **No** in the Question dialog, the MAXPRO-Net InstallShield Wizard dialog appears.



7. Click OK. The InstallShield Wizard Complete screen appears.



8. Click **Finish** and then change the operating system language.

Changing the operating system language

- 9. Choose Start  $\rightarrow$  Settings  $\rightarrow$  Control Panel.
- 10. Double-click **Regional and Language Options**. The Regional and Language Options dialog appears.

egional Options	Languages Advanced
Chandlarda and	
Stanuarus anu	formats
This option affe dates, and time	ects how some programs format numbers, currencies, e.
<u>S</u> elect an item your own forma	to match its preferences, or click Customize to choose ats:
German (Gern	nany) 🔽 Customi <u>z</u> e
Samples	
Number:	123.456.789,00
Currency:	123.456.789,00 €
Time:	12:08:27
Short date:	28.03.2006
Long date:	Dienstag, 28. März 2006
Location <u>To help servic</u>	es provide you with local information, such as news and
Germanu	

- 11. In the Select an item to match its preferences, or click Customize to choose your own formats: box, select a language for the operating system.
- 12. Under **Location**, select the location where the MAXPRO-Net is being installed.
- 13. Click Apply.
- 14. Click **Advanced** tab. The Advanced Settings for Regional and Language Options appears.

egional Options Languages Advanced	
Language for non-Unicode programs	
This system setting enables non-Unicode and dialogs in their native language. It doe programs, but it does apply to all users of t	programs to display menus es not affect Unicode his computer.
Select a language to match the language programs you want to use:	version of the non-Unicode
German (Germany)	×
<ul> <li>10000 (MAC - Roman)</li> <li>10001 (MAC - Japanese)</li> <li>10002 (MAC - Traditional Chinese Bi</li> <li>10003 (MAC - Korean)</li> <li>10004 (MAC - Arabic)</li> <li>10005 (MAC - Hebrew)</li> </ul>	g5)

- 15. In the Select a language to match the language version of the non-Unicode programs you want to use: box, select a language for the non-Unicode programs.
- 16. Under **Code page conversion tables**, select all the items.
- 17. Click Apply.
- 18. Click OK.
- 19. Select and double-click the **Setup.exe**, in the MAXPRO-Net Folder to re-start the installation. Refer steps 2 to 4 in this section.



20. If you click **Yes** in the Question dialog, the Welcome screen appears.

21. Click Next. The Select Features screen appears.

MAXPRO-Net - InstallShield Wi	zard		X
Select Features Select the features setup will install.			
	Select the features you want to MAXPRD-Net Server SetMax Configurator MaxMon Client tools (version 5.2)	n install, and deselect the features y	ou do not want to install. O.K O.K 3236 K O.K
	Destination Folder C:\Program Files\Honeywell\ Space Required on C: Space Available on C:	MAXPRO-Net\ 5908 K 6384512 K	B <u>r</u> owse Disk <u>Space</u>
InstallShield	< <u>B</u> ack	<u>N</u> ext >	Cancel

- 22. Select the features to install.
- **Note:** If MAXPRO-Net Server is selected, the setup installs Microsoft SQL Server Desktop Engine on your computer.

- 23. Click Browse. The Choose Folder dialog appears.
- 24. Select a folder where the features are to be installed.
- 25. Click **OK** to close the Choose Folder dialog.
- 26. Click **Next** on the Select Features screen. If you have selected MAXPRO-Net Server on the Select Features screen, the Choose Destination Location screen appears.

MAXPRO-Net - InstallShield W	izar d	
Choose Destination Location Select folder where setup will instal	l files,	
	Specify MSDE folder path: (e.g.)	
	C:\Maxpronet Installation Files\MSDE\en	
		B <u>r</u> owse
InstallShield	< <u>B</u> ack <u>N</u> ext >	Cancel

- 27. Click Browse. The Choose Folder dialog appears.
- 28. Select a folder where Microsoft SQL Desktop Engine is to be installed.
- 29. Click OK to close the Choose Folder dialog.
- 30. Click **Next** on the Choose Destination Location screen. The Database Server Login screen appears.

MAXPRO-Net - InstallShield	Wizard	×
Database Server Login Database server requires login o	credentials to continue.	
	Specify a SQL Login ID and Password.	
	Login ID: (maxprousemame) Password: monosemana mon	
I <b>nstall</b> Shield	Cancel	

- 31. In the Login ID box, type the SQL User Login ID.
- 32. In the **Password** box, type the SQL User Password.
- 33. Click Next. The User Information screen appears.



- 34. In the **Select Language** box, select the language to be used for MAXPRO-Net.
- **Note:** Refer to MAXPRO-Net Translation Editor User Manual.pdf (Revision 1.0), having the part number 900.0675, if you want to add support for other languages in MAXPRO-Net.
- 35. Click Next. The Start Copying Files screen appears.



36. Click Next. The Microsoft SQL Server Desktop Engine installation dialog appears.

Microsoft SQL Server Desktop Engine
Please wait while Windows configures Microsoft SQL Server Desktop Engine
Time remaining: 9 seconds
Cancel

Note: The computer restarts after Microsoft SQL Sever Desktop Engine is installed.

The SQL Server Network Utility screen appears after the Microsoft SQL Server Desktop Engine installation is completed.

nstance(s) on this server:	E10DTXPUZDXJ	•
)isa <u>b</u> led protocols:	Enabled protocols:	
Named Pipes TCP/IP	Enable >>	
Multiprotocol NWLink IPX/SPX AppleTalk Banyan Vines	<u> </u>	
Force protocol en <u>c</u> ryption Enable <u>W</u> inSock proxy	<u>Propertie</u>	s
Win <u>S</u> ock proxy address:		

- 37. In the **Disabled protocols** box:
  - a. Select Named Pipes and click Enable.
  - b. Select TCP/IP and click Enable.
- 38. Click **OK** to close the SQL Server Network Utility screen. The SQL Server Network Utility dialog appears.



39. Click **OK**. The computer restarts and the Choose Setup Language dialog appears.



- 40. Select a language for the installation program.
- 41. Click **OK**. The Question dialog appears.

Questio	п		
?	Installation will happen in Eng	lish language. Do you want to continue	17
	103		

42. Click Yes. The Start Copying Files screen appears.



The Install Shield Wizard Complete screen appears after the installation is completed.



43. Click **Finish** to complete the installation.

### 1.3 STARTING THE MAXMON UTILITY

You can start MaxMon using the **Start** -> **Programs** -> **Honeywell Video Systems** menu or using the MaxMon icon on the desktop. The MaxMon main window appears with the default MAXPRO-Net Server connected as shown in the following illustration. To connect to other MAXPRO-Net Server, select **File** -> **Connect** from the main menu.



The status bar shows the server address to which MaxMon is connected and the product license information.



**NOTE:** This window appears only if the MAXPRO-Net Server is running on the same machine. If MAXPRO-Net Server is not running in the local machine, MaxMon fails to connect to the server and shows the message "Could not connect to MAXPRO-Net Server <IPAddress>."

# CHAPTER 2: GETTING STARTED

### 2.1 OVERVIEW

MAXPRO-Net's Ethernet functionality allows users from different locations connect to MAXPRO-Net Server at the customer site and monitor the configuration.

Using the system IP login, you can gain access to SetMax and configure MAXPRO-Net Server. If you want to monitor the server, you can do so from the current location itself using this remote diagnostic tool.

MaxMon supports the following functionalities:

- Dynamic live updates
- Keyboard emulation
- Status information
- Alarms
- Input/Output control
- Camera test mode
- Log messages

After you start MaxMon, you need to connect to the MAXPRO-Net Server to view the device status. This section includes:

- <u>Setting the Preferences</u>
- <u>Connecting to the Max Server</u>
- About Help Commands

### 2.2 SETTING THE PREFERENCES

To define the communication preferences for MaxMon, perform the following steps.

1. Select **File** -> **Preferences** from the main menu to define the preferences. The following dialog appears with the default settings shown:

### 2.2 SETTING THE PREFERENCES, CONTINUED

Preferences	X
Communications	1
Server Default	
Server IP/ Name	127.0.0.1
Server Port	26026
DB Service Default	
Service IP/Name	127.0.0.1
Service Port	15651
Log Configuration	Mail Configuration
Ethernet Log	Email Host <email nam<="" server="" td=""></email>
	Port 25
	OK Cancel

- 2. On the **Communications** tab, you can view the communication details as described in the upcoming steps.
- 3. The fields under Server Default provides the following information:
  - Server IP/Name This indicates the MAXPRO-Net Server IP address.
  - Server Port This refers to the port used for server communication. This is a read-only field.
- 4. The fields under **DB Service Default** provides the following information:
  - Service IP/Name This specifies the IP address of the DB server.
  - Service Port This refers to the port used for DB communication.
- 5. The field under Log Configuration provides the following information:
  - Ethernet Log Enable this option if you want to receive all Ethernet related messages.
- 6. The fields under **Mail Configuration** provides the following information:
  - Email Host Specify the e-mail server name for mailing the log messages.
  - Port Specify the port address used for e-mail communication.
- 7. Click **OK** to close the Preferences dialog.

### 2.3 CONNECTING TO THE MAXPRO-NET SERVER

To connect to the server that is running at the remote location, perform the following settings:

- 1. Select Start -> Programs -> Honeywell Video Systems -> MaxMon. The MaxMon main window appears.
- 2. Select **File** -> **Connect** from the main menu. The following MAXPRO-Net Server Configuration dialog appears:

Connect	×
Server IP / Name	127.0.0.1
Port number	26026
ОК	Cancel

- **Note:** By default, MaxMon tries to connect to the MAXPRO-Net Server configured in preferences section. If you want to connect to the different server, you need to disconnect and select File->Connect menu or click on Connect toolbar button. The last used Server IP/Name will be updated into the preference.
- 3. The **Connect** dialog shows Server IP and Port number as defined in the **Preferences** dialog.

If the preferences are not configured, MaxMon takes the local system's IP address and port number.

4. Click **OK** to connect to the MAXPRO-Net Server. The status "Connected" is shown in the status bar along with the IP address of the server to which the MaxMon is connected.

You can connect multiple instances of MaxMon services to a single MAXPRO-Net Server.

### 2.4 ABOUT HELP COMMANDS

MaxMon provides a list of commands used to select and control different monitors/cameras, to operate scan sequences, and other functionalities. These commands are executed through function keys.

To view help commands, select **Help** -> **Commands** from the main menu. The commands are listed in notepad, as shown in the following illustration:

To view camera setup commands, select **Help** -> **Camera Setup Commands** from the main menu. The commands are listed in the notepad, as shown in the following illustration:

### 2.4 ABOUT HELP COMMANDS, CONTINUED

# CameraSetupMode.txt - Notepad Ele Edt Figmat Help Camera Setup Functions <F1>... go to preshot, menu <SHIFT-F1>... setup menu <F2>... run vectorscan once, menu <SHIFT-F2>... <F3>... continuous vectorscan, menu <SHIFT-F4>... <F4>... <SHIFT-F6>... program preshot <F5>... list preshots <SHIFT-F6>... program vectorscan <F5>... list vectorscans contents <SHIFT-F7>... <F5>... list vectors <SHIFT-F8>... program vectorscan <F5>... list vectors <SHIFT-F8>... <F5>... list vectors <SHIFT-F5>... program sector <F8>... list vectors <SHIFT-F8>... <F8>... list vectors <SHIFT-F8>... <F8>... list vectors <SHIFT-F8>... <F8>... list vectors <SHIFT-F8>... <F8>... find home <SHIFT-F8>...

Notes:

# CHAPTER 3: FUNCTIONS AND BASIC OPERATIONS

### 3.1 OVERVIEW

MaxMon is the tool that allows user to view the status of a server to which it is connected. Also, it provides the details of devices that are connected as inputs and outputs.

This section includes,

- <u>Viewing the Log Data</u>
- <u>Viewing the Status of Video Inputs</u>
- <u>Viewing the Status of Video Outputs</u>
- <u>Viewing the Status of Alarm Inputs</u>
- <u>Viewing the Status Information</u>
- Porting the Log Messages
- <u>Copying the Log Messages</u>

### 3.2 VIEWING THE LOG DATA

MaxMon utility allows the user to connect to MAXPRO-Net sever and view the log messages of various devices.

To view different log messages, perform the following steps.

- 1. After connecting to the MAXPRO-Net Server, you can view log messages using **Log** menu of the main window.
- 2. Select a log type from the **Log** menu of MaxMon window or use the toolbar icon to view single log window at a time. The selected log data appears.
- Select Log -> Open all log windows from the main menu of MaxMon window or use the toolbar icon to view all the logs messages in a single screen. Multiple log windows are displayed, as shown in the following illustration:

### 3.2 VIEWING THE LOG DATA, CONTINUED

🖗 MaxMon - Video_Selection	
<u> E</u> ile <u>E</u> dit <u>V</u> iew <u>L</u> og <u>T</u> ools <u>W</u> indow <u>H</u> elp	
🖶 Video_Selection 📃 🗖 🔀	◆ Execution_Macros
	29/MAR/2005 16:17.53 KB101:TM002,%153
🚏 Video_Source_Control	🖪 Errorlog_Messages
😫 Printer_Messages 📃 🗆 🔀	🖙 TX_Data 📃 🗖 🗙
💑 Macro_Trail 📃 🗖 🔀	💀 RX_DATA 📃 🗖 🗙
20 /W1D /2005 1/ 17 52 WD101 (TW002 W152 W050 W051 W052 W05	20 (N)D (2005 14 12 51 E00004: 0221
27/ MAR/ 2003 10:17.53 KBI01:18002,4153,4350,4351,4352,435	29/HAR/2005 16:17.51 E00004: \$221 29/HAR/2005 16:17.51 E00004: \$221 29/HAR/2005 16:17.51 E00004: \$241 29/HAR/2005 16:17.51 E00004: \$251 29/HAR/2005 16:17.51 E00004: \$271 29/HAR/2005 16:17.51 E00004: \$261
Connected to 1	27.0.0.1 Trial license 3 days remaining 📰 Ready

**Note:** If you are in different log view, select **Window** -> **Tile** from the main menu to arrange log windows, as shown in the above illustration.

4. You can select any log type (such as RX Data, TX Data, Execution Macros, Macro Trails, Errorlog Messages, Printer Messages, Video Switch Selection, and Video Source Control) from the **Log** menu and view the messages in the respective log window.

Also, you can use shortcut icons from the tool bar.

5. Select **Window** -> **Cascade** from the main menu to view different log windows in the cascaded form, as shown in the following illustration:

### 3.2 VIEWING THE LOG DATA, CONTINUED

🛞 MaxMon - TX_Data				
<u>Eile E</u> dit <u>V</u> iew Log <u>T</u> ools <u>W</u> indow	/ <u>H</u> elp			
🜻 TX_Data				
SYS-KB: dummy	C-3167	Connected to 127.0.0.1	Trial license 3 days remaining	Ready

- 6. Select **Window** -> **Close** to close the active log window.
- 7. Select Window -> Close All to close all the log windows.
- 8. Select **Window** -> **Clear All** to clear all the log messages displayed in selected window.
- 9. Select Log -> Freeze all log windows or use the tool bar icon to freeze log messages of the selected window.
- 10. Select Log -> Resume all log windows or use the tool bar icon to resume log messages of the selected window.

### 3.3 VIEWING THE STATUS OF VIDEO INPUTS

The Video Inputs dialog displays all the information related to input devices such as cameras, VCRs, standard devices, and smart devices.

To view the status of video inputs, perform the following steps.

1. Select **View** -> **Video Inputs** from the main window. The following dialog appears with the **Camera** tab selected as default:

amera Recorders Standard Devices Smart Devices						
Ref N	Device Number	Description	Туре	Lock/Unlock	Status	
1	1	123	FIXED	UNLOCK	ENABLE	
2	2	C02 - BJ02 - V2	FIXED	UNLOCK	ENABLE	
3	3	C03 - FPG03 - V3	FIXED	UNLOCK	ENABLE	
5	5	C05 - BJ05 - V5	FIXED	UNLOCK	ENABLE	
6	6	C06 - FPG06 - V6	FIXED	UNLOCK	ENABLE	
7	7	C07 - ESB07- V7	FIXED	UNLOCK	ENABLE	
8	8	C08 - FPG08 - V8	FIXED	UNLOCK	ENABLE	
9	9	C9 - BJ09 - V9	FIXED	UNLOCK	ENABLE	
11	11	C11 - MB11 - V11	FIXED	UNLOCK	ENABLE	
12	12	C12 - BJ12 - V12	FIXED	UNLOCK	ENABLE	
13	13	C13 - MB13 - V13	FIXED	UNLOCK	ENABLE	
14	14	C14 - BJ14 - V14	FIXED	UNLOCK	ENABLE	
15	15	C15 - MB15 - V15	FIXED	UNLOCK	ENABLE	
16	16	C16 - BJ16 - V16	FIXED	UNLOCK	ENABLE	
17	17	C17 - R17 - V17	FIXED	UNLOCK	ENABLE	
18	18	C18-R18-V18	FIXED	UNLOCK	ENABLE	
19	19	C19-R19-V19	FIXED	UNLOCK	ENABLE	
20	20	C20 - R20 - V20	FIXED	UNLOCK	ENABLE	
21	21	C21 - TCP21 - V21	FIXED	UNLOCK	ENABLE	
<u></u>	100	COD MROD 1/00	EIVED	LINLOCK	ENADLE	

The Video Input dialog displays all possible video inputs that are connected to the MAXPRO-Net Server along with the device status.

- 2. The device (Camera, Recorders, Standard Devices, and Smart Devices) tabs display the following information:
  - **Ref No** This is a reference number of video input device.
  - **Device Number** This refers to physical and logical representation of video input for the device identification.
  - **Description** A brief description about the video input device that is being connected.
  - **Type** This refers to the type of device connected. This option is available only for the Camera input. The type of the camera input can be Fixed or PTZ.
  - Lock/Unlock This shows the camera state as lock or unlock.
  - **Status** This indicates the status of video input whether the device is currently enabled or disabled.
- 3. Select the **Camera** tab to view the status of camera inputs.

### 3.3 VIEWING THE STATUS OF VIDEO INPUTS, CONTINUED

- 4. On the **Camera** tab, select a camera and press the right mouse button. From the rightclick context menus,
  - Select Lock or Unlock to change the lock state of a camera appropriately.
  - Select Enable or Disable to change the state.
  - Select **Refresh** to get the updated status after the live update is made using SetMax.
- 5. Similarly, select other tabs like **Recorders**, **Standard Devices**, and **Smart Devices** to view or modify the device status.
- 6. To find any information in **Video Inputs** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys. The following dialog appears:

Find			×
Category:	Enter Device ID	Find Next	
Device ID Description	<ul> <li>Match whole word only</li> <li>Match Case</li> </ul>	Close	

### 3.4 VIEWING THE STATUS OF VIDEO OUTPUTS

The Video Outputs dialog displays all the information related to output devices such as monitors, VCRs, standard devices, and smart devices.

To view the status of video outputs, perform the following steps.

1. Select **View** -> **Video Outputs** from the main window. The following dialog appears with the **Monitors** tab selected as default:

Monitors Recorders Standard Devices Smart Devices					
Ref N	Device Number	Description	Lock/Unlock	<b>•</b>	
1	21	0P1C	UNLOCK		
2	24	OP 2C	UNLOCK		
3	27	OP 3C	UNLOCK		
4	32	MON 32	UNLOCK		
5	30	DIRECTOR	UNLOCK		
6	19	OP 1A	UNLOCK		
7	3	MON 3	UNLOCK		
8	22	OP 2A	UNLOCK		
9	23	OP 2B	UNLOCK		
10	25	OP 3A	UNLOCK		
11	26	OP 3B	UNLOCK		
12	31	C00	UNLOCK		
15	29	SUPERVISOR B	UNLOCK		
16	33	Tech	UNLOCK		
17	28	SUPERVISOR A	UNLOCK		
18	1	MON 1	UNLOCK		
19	2	MON 2	UNLOCK		
20	20	OP 1B	UNLOCK		
21	4	MON 4	UNLOCK		
22	5	MON 5	UNLOCK		
23	6	MON 6	UNLOCK		
24	7	MON 7	UNLOCK		
25	8	MON 8	UNLOCK		

The Video Output displays all possible video outputs that are connected.

- 2. The device (Monitors, Recorders, Standard Devices, and Smart Devices) tabs display the following information:
  - **Ref No** This is a reference number of video output device.
  - **Device Number** This refers to physical and logical representation of video output for the device identification.
  - **Description** A brief description about the video output device that is being connected.
  - Lock/Unlock This shows the state of a monitor as lock or unlock.
- 3. Select the **Monitors** tab to view the status of monitor outputs.
- 4. On the **Monitors** tab, select a monitor and press the right mouse button. From the rightclick context menus,
  - Select Lock or Unlock to change the lock state of a monitor appropriately.
- 5. Select **Refresh** to view the updated status.
- 6. Similarly, select the other tabs like **Recorders, Standard Devices**, and **Smart Devices** to view or modify the device status.
- 7. To find any information in **Video Outputs** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys.

### 3.5 VIEWING THE STATUS OF ALARM INPUTS

Alarm Inputs are external inputs to the CCTV System. The CCTV equipment monitors these inputs continuously. When there is any change in the alarm state, the system operators are notified on this shift and the selection of camera or VCR input takes place accordingly.

1. Select **View** -> **Alarm Inputs** from the main window. The following Alarm Input dialog appears:

9         Convention B           10         Convention B           11         Convention B           12         Convention B           13         Convention B           14         Convention B           15         Convention B           16         Toke BOH           38         Master Compute	OH         ENABLE           OH         ENABLE	Configured Configured Configured Configured Configured Configured
Convention B           11         Convention B           12         Convention B           13         Convention B           14         Convention B           15         Convention B           16         Toke BOH           28         Master Computer	OH         ENABLE	Configured Configured Configured Configured Configured
11         Convention B           12         Convention B           13         Convention B           14         Convention B           15         Convention B           16         Toke BOH           38         Master Comput	OH         ENABLE           OH         ENABLE           OH         ENABLE           OH         ENABLE           OH         ENABLE           OH         ENABLE	Configured Configured Configured Configured Configured
12         Convention B           13         Convention B           14         Convention B           15         Convention B           16         Toke BOH           38         Master Comput	0H ENABLE 0H ENABLE 0H ENABLE 0H ENABLE ENABLE ENABLE	Configured Configured Configured Configured
13         Convention B           14         Convention B           15         Convention B           16         Toke BOH           38         Master Computer	0H ENABLE OH ENABLE OH ENABLE ENABLE	Configured Configured Configured
14         Convention B           15         Convention B           16         Toke BOH           38         Master Computer	0H ENABLE 0H ENABLE ENABLE	Configured Configured
15 Convention B 16 Toke BOH 38 Master Compu	OH ENABLE ENABLE	Configured
16 Toke BOH 38 Master Compu	ENABLE	
98 Master Compu		Lonfigured
	iter ENABLE	Configured
99 Slave Compute	er ENABLE	Configured

- 2. The Alarm Input tab displays the following details:
  - Alarm ID This refers to the alarm identification number.
  - **Description** This shows the description of an alarm input.
  - State This shows whether the alarm state is enabled or disabled.
  - **Configuration** This shows the status of the configuration.
- 3. To find any information in **Alarm Inputs** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys.

### 3.6 VIEWING THE STATUS INFORMATION

The Status Information dialog provides the details about input devices that are connected to the MAXPRO-Net system, keyboards and their operators, cameras assigned to each monitor/VCR, and the configuration summary of the devices connected.

To view the status, perform the following steps.

1. Select **View** -> **Status Information** from the main window. The following dialog appears with the **Keyboard Locations** tab selected as default:

eyboard Locations	Monitors Channels VCR Channel	els Other Channels Configuration Summary	
Keyboard ID	Description	Operator Name	
	Station 1	Station 1	
2	Station 2	Station 2	
)	Review STN 3	Review 3	
l.	MGR Office 4	Manager 4	
i	BCLC KBD 5	BCLC 5	
i	Tech Keyboard	SIGNED-OFF	
0	Default	SYSTEM KB OP	
00	[SYSTEM KEYBOARD]	Station 1	

- 2. The **Keyboard Locations** tab shows the information such as identify number of the CCTV keyboard, description, and operators who are operating the keyboard.
- 3. Select the **Monitors Channels** tab to view the status of monitors and the channels, as shown in the following dialog:

Keyboard Locations Monitors Channels VCR Channels Other Channels Configuration Summary							
Monitor	Description	Source	Net	Trunk	Sequence	Keyboard	
MON:21	OP 1C	CAM:13 C-13		ĺ	ĺ	1	
MON:24	OP 2C	CAM:13 C-13					
MON:27	OP 3C	CAM:13 C-13					
MON:32	MON 32	CAM:13 C-13					
MON:30	DIRECTOR	CAM:13 C-13					
MON:19	OP 1A	CAM:13 C-13					
MON:3	MON 3	CAM:13 C-13					
MON:22	OP 2A	CAM:13 C-13					
MON:23	0P 2B	CAM:13 C-13					
MON:25	OP 3A	CAM:13 C-13					
MON:26	OP 3B	CAM:13 C-13					
MON:31	COO	CAM:13 C-13					
MON:29	SUPERVISOR B	CAM:13 C-13					
MON:33	Tech	CAM:9998 MENU					
MON:28	SUPERVISOR A	CAM:13 C-13					
MON:1	MON 1	CAM:13 C-13					
MON:2	MON 2	CAM:524 C-524					
MON:20	OP 1B	CAM:585 C-585					
MON:4	MON 4	CAM:610 C-610					

### 3.6 VIEWING THE STATUS INFORMATION, CONTINUED

The tab includes the list of monitors, keyboards corresponding to these monitors, cameras from where the input is received, and the channel information.

Keyboard Loca	ations Monitors Channels	VCR Channels Other Cha	annels   Config	guration Summa	ry	
VCR	Description	Source	Net	Trunk	Sequence	
VCR:941	DECODE MUX	CAM:13 C-13				
VCR:957	INC DUB	CAM:13 C-13				
VCR:901	STBY VCR 1	CAM:15 C-15				
VCR:902	STBY VCR 2	CAM:51 C-51				
VCR:903	STBY VCR 3	CAM:77 C-77				
VCR:904	STBY VCR 4	CAM:162 C-162				
VCR:905	STBY VCR 5	CAM:18 C-18				
VCR:906	STBY VCR 6	CAM:283 C-283				
VCR:907	STBY VCR 7	CAM:807 C-807				
VCR:908	STBY VCR 8	CAM:101 C-101				
VCR:909	STBY VCR 9	CAM:705 C-705				
VCR:910	STBY VCR 10	CAM:2 C-2				
VCR:911	STBY VCR 11	CAM:2 C-2				
VCR:912	STBY VCR 12	CAM:2 C-2				
VCR:913	STBY VCR 13	CAM:2 C-2				
VCR:914	STBY VCR 14	CAM:2 C-2				
VCR:915	STBY VCR 15	CAM:2 C-2				
VCR:916	STBY VCR 16	CAM:2 C-2				
VCR:917	STBY VCR 17	CAM:2 C-2				

4. Select the **VCR Channels** tab to view the list of VCR channels and source channels.

### 5. Select the **Other Channels** tab to view other channels and their source information.

eyboard Locations   Monitors C	hannels   VCR Channels Uth	ier Channels	Configurati	on Summary	
Other Channels	Source	Net	Trunk	Sequence	1
STBY:1 Standby VCR 1	CAM:1 123				
STBY:2 Standby VCR 2	CAM:2 C02 - BJ02 - V2				
STBY:3 Standby VCR 3	CAM:3 C03 - FPG03 - V3				
STBY:4 Standby VCR 4	[unknown source]				
STBY:5 Standby VCR 5	CAM:5 C05 - BJ05 - V5				
STBY:6 Standby VCR 6	CAM:6 C06 - FPG06 - V6				
STBY:7 Standby VCR 7	CAM:7 C07 - ESB07- V7				
STBY:8 Standby VCR 8	CAM:8 C08 - FPG08 - V8				
STBY:9 Standby VCR 9	CAM:9 C9 - BJ09 - V9				
STBY:10 Standby VCR 10	[unknown source]				
STBY:11 Standby VCR 11	CAM:11 C11 - MB11				
STBY:12 Standby VCR 12	CAM:12 C12 - BJ12 - V				
STBY:13 Standby VCR 13	CAM:13 C13 - MB13				
STBY:14 Standby VCR 14	CAM:14 C14 - BJ14 - V				
STBY:15 Standby VCR 15	CAM:15 C15 - MB15				
STBY:16 Standby VCR 16	CAM:16 C16 - BJ16 - V				

### 3.6 VIEWING THE STATUS INFORMATION, CONTINUED

6. Select the **Configuration Summary** tab to view the details (currently loaded data files) of the devices that are connected.

eyboard Location	is Monitors Cł	hannels VCR Char	nnels 🛛 Other Chann	els Configuration	n Summary		
AMERAS:	Total 925 Inputs	Ptz-ctl 592 Channels	Local 690 Control	Network 235 Network	Pre-text 350 Post-text		
(CRS: CRS:	416	36 38	 415	-	33 38		
MART-DEVICES RUNK-LINES:	: 5	-		-			
ILACK-SOURCE: IENU:	1	-					
CAN-SEQUENCE	Scans ES:19 Total	1 ours 5 Keyboard	483 Sub-rack	Network	HL/Mimic	PBT-1	
OMM-PORTS:	16 Total	3 Local	7 Remote	3 Network	 HL/Mimic/KB	PRT:1	
XT-ALARMS: XUX-OUTPUTS:	56 69 Operators	46 12 Keyboards	  Int-Keus	8 1 User-Mac	2 56 Sustem-Mac		
THER-TOTALS:	13	13	498		1574		

This dialog shows all the device details that are connected to the server.

7. To find any information in **Status Information** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys.

### 3.7 PORTING THE LOG MESSAGES

You can send log messages through e-mail, which will be saved in the .htm text format.

To port/send log messages through e-mail, perform the following steps.

- 1. Ensure that the required log window is activated.
- 2. From the MaxMon main window, select **File** -> **Send To** -> **Mail Recipient** menu. The following dialog appears:

EMAIL	
To:	
Co:	
Subject:	MaxMon Report
Attachement	: Attached File: Video_Selection.htm
	Send

The selected log file is attached in the .htm format, as shown in the above dialog.

Note: The two options (Mail Recipient and File) under File -> Send To menu will be enabled only if you have any log window opened.

- 3. Enter the receiver mail ID in **To** field to whom you want to send the log report.
- 4. Use **CC** field to copy mails to more users, if applicable. You can enter multiple e-mail IDs separated by semicolon.
- 5. You can write any e-mail content in the text box provided after the **Attachment** field.
- 6. Click **Send** to send the e-mail along with the attachment to the targeted user.

### 3.7 PORTING THE LOG MESSAGES, CONTINUED

7. To save log files on the local system directly, select **File** -> **Send To** -> **File** menu. The following dialog appears:

Save File	<u>? ×</u>
Save jn: 🤷 My Documents	- 🗲 🗈 💣 🎟 -
Adobe Webshots Data KB_Favorites My eBooks My Pictures My Received Files My Webs	
File <u>n</u> ame: Video_Selection.htm	<u>S</u> ave
Save as type: HTM Files(*.htm)	Cancel

The **File name** field indicates the name of the log that is being selected in the MaxMon window.

The **Save as type** field shows the default format in which the log files will be saved.

8. Select the folder where you want to save the log file and click **Save**. The file will get saved in the selected location.

For example, the final log report appears as follows:

jile <u>E</u> dit ⊻iew F <u>a</u> vor	ites Tools Help	1
<b>3</b> Back - 🕥 - [	🖹 😰 🏠 🔎 Search 🤺 Favorites  🧭 - 🌺 👿 - 🗾 🏭 🍣 📋 🦓	
ddress 🙋 C:\Documents	and Settings\E233072\Desktop\RX_DATA.htm	🔽 🄂 Go 🛛 Links 🎙
Google -	🚯 Search Web 🔹 🥡 📮 228 blocked 📳 AutoFill 🛛 👰 Options 🥒	Coper
and the second		
		1
	MAXPRO-Net REPORT	1
	MAXPRO-Net REPORT	2
	MAXPRO-Net REPORT	2
S.No	MAXPRO-Net REPORT	
5.No 1 29/MAR/2005 16	MAXPRO-Net REPORT	
5.No 1 29/MAR/2005 16 2 29/MAR/2005 16	MAXPRO-Net REPORT	
5.No 1 29/MAR/2005 16 2 29/MAR/2005 16 3 29/MAR/2005 16	MAXPRO-Net REPORT :21.49 E00004: \$211 :21.49 E00004: \$221 :21.49 E00004: \$221 :21.49 E00004: \$231	
5.No 1 29/MAR/2005 16 2 29/MAR/2005 16 3 29/MAR/2005 16 4 29/MAR/2005 16	MAXPRO-Net REPORT \$21.49 E00004: \$211 \$21.49 E00004: \$221 \$21.49 E00004: \$231 \$21.49 E00004: \$241 \$21.49 E00004: \$241	
S.No 1 29/MAR/2005 16 2 29/MAR/2005 16 3 29/MAR/2005 16 4 29/MAR/2005 15 5 29/MAR/2005 16	MAXPRO-Net REPORT ::21.49 E00004: \$211 ::21.49 E00004: \$221 ::21.49 E00004: \$231 ::21.49 E00004: \$231 ::21.49 E00004: \$251	
5.No 1 29/MAR/2005 16 2 29/MAR/2005 16 3 29/MAR/2005 16 4 29/MAR/2005 16 5 29/MAR/2005 16 6 29/MAR/2005 16	21.49 E00004: \$211 :21.49 E00004: \$211 :21.49 E00004: \$221 :21.49 E00004: \$221 :21.49 E00004: \$221 :21.49 E00004: \$221 :21.49 E00004: \$251 :21.49 E00004: \$251	

### 3.8 COPYING THE LOG MESSAGES

You can copy log messages using the **Copy** menu.

To copy log messages to the desired location, perform the following steps.

- 1. Ensure that the required log window is activated.
- From the log window, select the message and then choose Edit -> Copy menu. Use Shift+Arrow key to select multiple messages or Ctrl+A key to select all the messages from the selected log window.

The selected messages are saved in the clipboard and you can paste it in a notepad.

3. You can also copy the log messages using the right-click context menu options, as shown in the following dialog:

🖗 MaxMon - Execution_Macros	n de la companya de l
File Edit View Log Tools Window Help	
🕄 Video_Selection	Execution_Macros
	30/MAR/2005 10:59.12 KB101:TM098.%993         30/MAR/2005 10:59.13 KB101:TM002.%153         30/MAR/2005 10:59.13 KB101:TM098.%993         30/MAR/2005 10:59.14 KB101:TM098.%993         30/MAR/2005 10:59.15 KB101:TM098.%993         30/MAR/2005 10:59.12 KB101:TM098.%993         30/MAR/2005 10:59.13 KB101:TM098.%993         30/MAR/2005 10:59.14 KB101:TM098.%993         30/MAR/2005 10:59.15 KB101:TM098.%993
ኛ Videa_Source_Control	🗙 🗓 Errorlog_Messages
Printer_Messages	🗙 🗣 TX_Data 📃 🗆 🗙
💑 Macro_Trail	🗙 🗣 RX_DATA 📃 🗖 🗙
30/MAR/2005 10:59.09 KE101:TM098,%993,%994,%995,%996,%99 30/MAR/2005 10:59.12 KE101:TM098,%993,%994,%995,%996,%99 30/MAR/2005 10:59.13 KE101:TM002,%153,%950,%951,%952,%95 30/MAR/2005 10:59.15 KE101:TM098,%993,%994,%995,%996,%99 30/MAR/2005 10:59.18 KE101:TM098,%993,%994,%995,%996,%99 30/MAR/2005 10:59.21 KE101:TM098,%993,%994,%995,%996,%99	30/MAR/2005 10:59.06 E00005: \$221         30/MAR/2005 10:59.06 E00005: \$231         30/MAR/2005 10:59.06 E00005: \$241         30/MAR/2005 10:59.06 E00005: \$241         30/MAR/2005 10:59.06 E00005: \$251
Connected	o 127.0.0.1 Trial license 3 days remaining 📰 Ready
📲 start 🔰 🙆 🤗 🗿 🛷 🤏	Desktop 🎽 🛃 🔀 Wedereday
🗿 MAXPRO-Net_Test 🚳 Test Cases 🖉 MAXPRO	D-Net_Test 🖉 YahELite - Microsoft 🥋 MaxMon - Execution 🧭 🥥 3/30/2005

- 4. Select **Clear** from the right-click context menus to clear all the log messages from the selected window.
- 5. Select **Freeze** from the right-click context menus to freeze the log messages in the selected window.

Notes:

## CHAPTER 4: ABOUT KEYBOARD EMULATION

### 4.1 OVERVIEW

Keyboard Emulation is a MAXPRO-Net equivalent of system keyboard. You need an operator login to use this keyboard.

The users who have login access to keyboard emulation can connect to different monitors and different cameras for the status. Also, it allows you to do the PTZ operations of the selected camera and get status of the location that the camera is focused.

This section includes,

- Signing On to the Keyboard Emulation
- Signing Off from the Keyboard Emulation
- Using the Camera Setup Command
- Using the Auto Device Numbering
- Saving the New Default POWER-ON Settings

### 4.2 SIGNING ON TO THE KEYBOARD EMULATION

The operators use the Keyboard emulation feature of MaxMon to connect to the MAXPRO-Net Server and also to a particular camera for the updated status. You need to have the user login to utilize this function.

To use the keyboard utility to send commands/receive data, perform the following steps.

1. Select **Tools** -> **Keyboard Emulation** from the main menu. The following Sign On dialog appears:

Sign on	×
Operator Name	1 Station 1
Pin Number	
<u> </u>	Cancel

- 2. Select the operator name using the **Operator Name** drop-down list.
- 3. Enter four digits Personal Identification Number in the **Pin Number** box.

### 4.2 SIGNING ON TO THE KEYBOARD EMULATION, CONTINUED

4. Click **OK** to activate the keyboard. The keyboard window appears at the bottom of the main window, as shown below:

🖗 MaxMon - RX_DATA	
<u> E</u> ile <u>E</u> dit <u>V</u> iew <u>L</u> og <u>T</u> ools <u>Wi</u> ndow <u>H</u> elp	
😤 RX_DATA 📃 🗖 🔀	👶 Macro_Trail 📃 🗖 🔀
29/MAR/2005 16:21.49 E00004: \$221 29/MAR/2005 16:21.49 E00004: \$231 29/MAR/2005 16:21.49 E00004: \$231 29/MAR/2005 16:21.49 E00004: \$241 29/MAR/2005 16:21.49 E00004: \$251 29/MAR/2005 16:21.49 E00004: \$271 29/MAR/2005 16:21.49 E00004: \$271	29/MAR/2005         16:24.08         KE101:TM002,%153,%950,%951,%952,%95           29/MAR/2005         16:24.09         KE101:TM098,%993,%994,%995,%996,%99           29/MAR/2005         16:24.12         KE101:TM098,%993,%94,%995,%996,%99           29/MAR/2005         16:24.13         KE101:TM098,%933,%950,%951,%952,%95           29/MAR/2005         16:24.13         KE101:TM098,%933,%994,%995,%996,%99
💀 Video_Selection 📃 🗖 🗙	Execution_Macros
	29/MAR/2005 16:24.08 KB101:TM002,%153 29/MAR/2005 16:24.09 KB101:TM098,%993 29/MAR/2005 16:24.12 KB101:TM098,%993 29/MAR/2005 16:24.13 KB101:TM02,%153 29/MAR/2005 16:24.15 KB101:TM098,%993
Y Video_Source_Control	Errorlog_Messages
Printer_Messages	👺 TX_Data 📃 🗖 🗙
	29/MAR/2005 16:22.00 P-A: SetTime - addr:000, dev:48, fu 29/MAR/2005 16:22.00 P01: *0U0,29MAR2005 16:22.00 29/MAR/2005 16:23.00 P-A: SetTime - addr:000, dev:48, fu 29/MAR/2005 16:23.00 P01: *0U0,29MAR2005 16:23.00 29/MAR/2005 16:24.00 P-A: SetTime - addr:000, dev:48, fu ♥
Keyboard Emulation	
SYS-KB: NO MONITOR [SYSTEM-KEYBOARD] Connected to 1	27.0.0.1 Trial license 3 days remaining 📰 Ready

- 5. You can send commands using the Keyboard Emulation window.
- 6. Enter "m1" in the keyboard to select **Monitor 1** of a server.

Printer_Messages			😨 TX_Data
			29/MAR/2005 16:22.00 P-A: SetTime 29/MAR/2005 16:22.00 PO1: *0U0.29M 29/MAR/2005 16:23.00 P-A: SetTime 29/MAR/2005 16:23.00 PO1: *0U0.29M 29/MAR/2005 16:24.00 P-A: SetTime
Keyboard Emulation			
SYS-KB: NO MONITOR	[SYSTEM-KEYBOARD]	Connected to 1	127.0.0.1 Trial license 3 days remaining 🔚

The task bar shows the details of monitor that is being selected.

### 4.2 SIGNING ON TO THE KEYBOARD EMULATION, CONTINUED

- 7. Enter "c1" in the keyboard to switch **Camera 1** to **Monitor 1**.
- 8. Similarly, you can select to different monitors or cameras using the commands m1, m2, m3.... and c1, c2, c3... and so on, appropriately.

The camera can be controlled using the following PTZ (Pan, Tilt, and Zoom) commands:

- **Pan**ning can be done by using **left** and **right** arrow keys on the system keyboard.
- Tilting can be done by using up and down arrow keys on the system keyboard.
- **Zooming-in** can be done by using the **Ctrl+up** arrow keys on the system keyboard.
- **Zooming-out** can be done by using the **Ctrl+down** arrow keys on the system keyboard.

### 4.3 SIGNING OFF FROM THE KEYBOARD EMULATION

To sign off from the keyboard emulation, select **File** – **Sign Off**. The confirmation dialog appears to confirm signing off from MaxMon. Click **Yes** to close the keyboard window on the MaxMon utility.

### 4.4 USING THE CAMERA SETUP COMMAND

Camera Setup Command option allows you to use the function keys on the keyboard and connect to a particular camera. Using these modes, you can change the camera settings/mode and get the status from different points/areas. This option is enabled only when the keyboard is activated.

To use the Camera Setup Commands, perform the following steps.

 After you activate the keyboard, select Tools -> Camera Setup Command. The Camera Setup Mode appears at the bottom of the window, as shown below:

			20005 11 51 10 500007 A110	
Camera Setup Mode : F1: go to p	oreshot menu, F2: run vs o	nce, F3: continious vs, F5: li	st preshots, F6: list vs, F7: list vs conten	s, F8: list sectors, F9: ho
1				
EVEL/P: NO MONITOR	IOVOTEM //EVDOADD1	Composite data 127.0.0.1	Trial licence 2 days remaining	

This option is enabled only when the <u>Keyboard is activated</u>.

2. Use the function keys (F1, F2, F3, and so on) of Camera Setup Mode to view the status. The function keys on the keyboard are mapped to different modes of a camera.

### 4.5 USING THE AUTO DEVICE NUMBERING

Select **Tools** -> **Auto Device Numbering** to enable the device numbering. When enabled, the device (Camera or Monitor) number will be displayed in the keyboard along with the description.

### 4.6 SAVING THE NEW DEFAULT POWER-ON SETTINGS

To save any changes made to the configuration through MaxMon, perform the following steps.

 To save any changes made to the configuration in MaxMon, select Tools -> Save the New Default POWER-ON Settings. The following confirmation dialog appears to confirm saving the current data in Max files:

MaxMon	
?	Are you sure you want save current data in Max files ?
	<u>Yes</u> <u>N</u> o

### Note:

You can save the configuration changes only if the Setmax is not connected to MAXPRO-Net Server.

2. Click Yes to save the data in Max files. The following message appears:



# CHAPTER 5: DISCONNECTING MAXMON UTILITY

### 5.1 DISCONNECTING MAXMON FROM THE MAXPRO-NET

MaxMon utility can be stopped when it is not in use.

To disconnect MaxMon from the MAXPRO-Net Server, perform the following steps.

1. On the MaxMon window, select **File** -> **Disconnect** from the main menu or click the **Disconnect** icon on the toolbar. The following message appears:

MaxMon	
?	Are you sure you want to disconnect to the Max server ?
	<u>Y</u> es <u>N</u> o

2. Click Yes to disconnect the MaxMon utility from MAXPRO-Net.

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