xCMS

xCMS

# **User`s Manual**



This document contains preliminary information and is subject to change without notice.

## 9. XCMS VIEWER

## 9.1 System Recommendations

## 9.1.1 Program Installation Method

• Please follow the program installation procedures below.

• Please select the 'Activities' on the top left side of the corner, and choose Home directory



• Please select the 'xCMS' file and move the file to the Home directory



• Right click on the mouse and select 'Properties'.

Activities	Hiles			Mon 10:52			😡 《슈 모 🖣 usei
		File Edit View Go Devices	-	Home		×	
		To 11 Computer	Contractions	Documents Public Open	Downloads Templates	A Search Music Videos	SE
		智 Videos 國 Trash Network 種 Browse Net	dbFile.1.10	Open With Cut Copy Make Link Rename Copy to Move to	Other Application	3	
				Move to Ti Revert to I Compress. Send To Properties	Previous Version	elected (16.1 MB)	

• Please select the 'Permission' on the bar menu.

Activities	Hiles				Mon 10:5	5		0	≪ <b>⊈</b> .	- user
		Fia Edit View Gr Devices — To 11 Computer — Ta System — Ta Sys	Boolmarks Heip C Tomor Destop Peteres deFile 1.10	Prome Documents Pokik Redik	Basic Permis: Owner: Access: Group: Access: Others Access: Execute: SELinux Context: Last changed Help	use] Read and write   Isser   Read-only   Read-only   Allow executing file as program				
					Π	R	S	0		

• Please check the box right next to the "Allow executing file as program" and if users want to give access to other groups, please change the access level to Read and write.

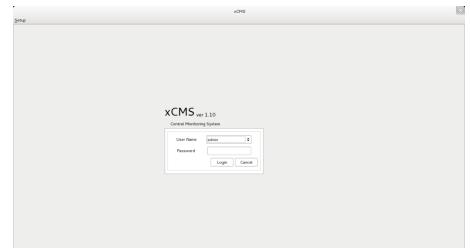
Activities Hiles			Mon 10:59	😯 🐴 모 🗬 user
		Home	xCMS Properties	
	File Edt View Go Boolmark Devices Conguer File System Documents Document	ne Documents p Documents pres Public \$	Basic     Permissions     Open Woth       Owner:     user       Access:     Read and write       Group:     user       Access:     Read and write       Others     Access:       Access:     Read and write       Cess:     Read and write       Execute:     Allow executing file as program       Sticnac Context:     Won 25 Jul 2011 10:57:30 AM KST       Help     Conset	
			R	000

• Right click on the 'xCMS' and select 'Open'

Ella Edit View	30 Bookmarks Help	Home		×		
Devices	< Home			🖇 👌 🔍 Search		
Computer	Desktop	Documents	Downloads	Music		
Documents Downloads Music Pictures	Pictures	Public	Templates	Videos		
Trash Network	dbFile.1.10	xC <mark>Open</mark> Open W Cut	/ith Other Application			
層 Browse Net		Cut Copy Make Li Rename				
		Copy to Move to Move to		> > rcted (16.1 MB)		X. 1
		Revert 1 Compre Send To			Æ	0
		Propert	ies.		24	

## 9.2 Login

- Please right-click on the icon and select open to execute the program.
- Select User Name by clicking upside down arrow and enter corresponding Password to login.



## 9.3 Watch Mode

## 9.3.1 Login Screen

• After users log into the 'xCMS', the following screen will appear.



## 9.3.2 Local Setting

• Please click 'Setup' button on the top of the Toolbar and the following screen will appear.

• There are three types of setup menu such as Device Manager, Display Setup and Password Change.

Activities CMS	Fri 15:56	0	🔩 모 🗬 user
	xCMS		×
Setup			
Device Manager	Live Display	Live	Playback
Display Setup		Server List	
Password Change		Device	
		@0400p	
		ptz	
		PTZ Control	
			+ zоом -
		× 1 ×	18 8
		← →	+ rocus -
			+ IRIS -
		Preset Contro	d
		1	0
			Save
		Go Prese	t Set Preset
	Seq 1 4 9 16 25 36 64	Full	
System Log		DATE	
Type Date/Time	Log	HEALTH CHECK MONITORING	
		40TION DETECT ********	****
		ALARM IN 0 0 0 0 0 0 0 0 0 0 0	
		ALARM OUT	
		VER	ONNECTIONS

## 9.3.2.1 Device Manager

• Please click 'Device manager' and the following screen will appear.

						Add
	Device	IP	Command Port	Stream Port	User	Edit
1	@0400p	192.168.10.122	8630	8631	admin	
2	ptz	192.168.10.152	6688	6689	admin	Remove

- Users will see the already existing DVRs on the list, if there is any added DVR previously.
- Please click 'Add' to add new device.

	xCMS
Device Info	
Device Name	
Description	
IP	
Command Port	
Stream Port	
User Name	
Password	
Confirm Password	
Scan Device	<u>C</u> ancel <u>O</u> K

- Please type all the necessary information in the empty space and click 'OK' to submit the device information
- Device Info
- Device Name: input the DVR site name which will be displayed on the Server list. Please note that this name has nothing to do with the ID registered in DVR. Users may create a name that is fairly easy to distinguish.
- <u>Description</u>: type brief description of the site.

- IP Address: input IP address or Domain Name of DVR (check with SETUP>DEVICES>Network in DVR).
- <u>Command Port</u>: input Administrator's number among port numbers set in DVR (check with SETUP>DEVICES>Network in DVR).
- <u>Stream Port:</u> INPUT Video/Audio number among port numbers set in DVR (check with SETUP>DEVICES>Network in DVR).
- User Name: Type authorized ID of the DVR. Default ID is admin.
- <u>Password:</u> Type correspond password of the ID. Default Password is **1111**.
- Confirm Password: Retype the password to confirm.
- If users want to scan the devices instead of typing the information manually, please click 'Scan device'. It will automatically
  detect registered DVR units currently connected to local networks.
- Click "Scan Device", then following 'Dialog' will pop up.

	Device	Cammand port	Stream port	Mac Address
1	192.168.10.131	5920	5921	00:19:9c:03:c9:f6
2	192.168.10.101	5920	5921	00:19:9c:04:4f:e5
3	192.168.10.137	5920	5921	00:19:9c:04:ae:13
4	192.168.10.108	5923	5924	00:19:9c:04:44:63
5	192.168.10.54	5920	5921	00:19:9c:09:54:52
6	192.168.10.162	5920	5921	00:19:9c:04:bd:30
7	192.168.10.128	5920	5921	00:19:9c:04:b2:a1
8	192.168.10.157	5920	5921	00:19:9c:04:bd:3e
9	192.168.10.127	5920	5921	00:19:9c:04:bd:31
10	192.168.10.167	5920	5921	00:19:9c:04:26:f5
11	192.168.10.148	5920	5921	00:19:9c:04:4f:a1
12	192.168.10.202	5920	5921	00:19:9c:04:bd:38
<				

- Including IP address, the information of connected DVRs in the network will be listed.
- Select the one and click 'OK'. Then, the following window will pop up.

	xCMS
Device Info	
Device Name	
Description	
IP	192.168.10.149
Command Port	6688
Stream Port	6689
User Name	
Password	
Confirm Password	
Scan Device	<u>C</u> ancel <u>O</u> K

- Please fill out all the necessary information including Device name, Description (not necessary), User Name and Password and confirm password. Please note that the User Name and Password have to be same as the DVR setting.
- When users want to edit the existing device information, please choose the device and click 'Edit.
- When users want to delete the existing device information on the list, please select the device and click 'Remove'.
- If users click the 'Remove' button, it will show the message below.



## 9.3.2.2 Display Setup

• Please click 'Display Setup' and the following screen will appear.

		xCMS		
Option				
Default Division	1 Division	Language Setup	English	\$
🗹 Use Anti-aliasin	g			
ate/Time Format		Text Setup		
Date Format	YYYY-MM-DD	Font Type	Abyssinica SIL	~
		Font Size	10	-
Time Format	24 Hours 0	Color	Red	\$
			Cancel	ок

- Users can adjust and set the environment of the display window.
- Default Division: Users can select the number of division of display channels when the program initially displays the screen. (1, 4, 9, 16, 25, 36 or 64).
- Users can choose either English or Korean in language setup.

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This option will be applied after program restarts.

- Date / Time format: Users can adjust and set the mode of date / time display in accordance with the location.
- Date Format: select the date format among YYYY-MM-DD/MM-DD-YYYY/DD-MM-YYYY.
- Time Format: select the time format between 24Hours/ 12 Hours AM/PM.
- Display Font: Users can change the font of the name and display time of each channel.
- Font Type: select the type of font between Arial / Currier.
- Font Size: select the size of the font from 10 to 20and the default is 15.
- Color: select the color among 16 different colors.



## 9.3.2.3 Password Change

• Please click Password Change in setup menu to change the password.

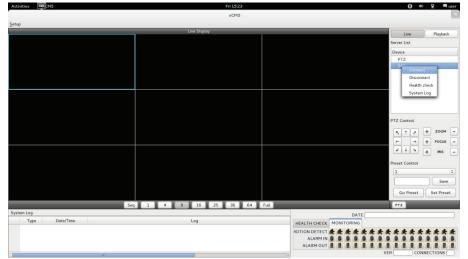


- Please select the ID from the drop down list and type original password.
- Please type new password and confirm the password below.
- If the information is filled out, click 'OK' to finish the Password change.

## 9.3.3 Live

#### 9.3.3.1 Connection

- Please choose one of the registered sites in Server list on the right hand side of the 'Live Display' screen and the right click on the mouse button will pop up the menu with 'Connect'.
- Click 'Connect' to connect the DVR to the 'xCMS'.



• To have multiple channels, please choose the channel from the bar below the 'Live Display' screen (1, 4, 9, 16, 25, 36, 64 and Full).

Activities CMS		Fri 15:25			Q *	일 및 메user
Setup						×
Zerob	Live Display		_		Live	Playback
					Server List	
					Device	
					PTZ	
		xCMS			149	
	Device Name	149				
	IP Address	192 168 10 149				
	IP Address					
	Command Port	6688			PTZ Control	
	Stream Port	6689				
	Login ID	admin			K T Z	+ zоом -
		ladmin			← →	+ Focus -
	Connection State :	Disconnected			× + >	+ RUS -
					Preset Control	
					1	0
						Save
					Go Preset	Set Preset
	q 1 4 9 16 2	5 36 64	5-0-		PTZ	
System Log	q 1 4 9 16 2	30 64	Put		112	
Type Date/Time	Log			HEALTH CHECK MONITORING		
				NOTION DETECT + + + + + +	*****	****
				ALARM IN 8 8 8 8 8 8		
				ALARM OUT		
11 No. 10 No.			3		VER COM	INECTIONS

- Full Screen Mode: Select a channel and click on number "1" button. Then, the corresponding channel will display in Full Screen.
- Quad Screen Mode: Click on No.4 button and a quad screen will display. The quad screen is in combination of 1~4, 5~8, 9~12 and 13~16. If users select Channel No. 7 and click the button, 5~8 quad screen will display. Similarly, if users select Channel No. 16, 13~16 quad screen will display.
- 9-Split Screen Mode: Click on No.9 button and 9-split screen will display. The 9-split screen is in combination of 1~9 and 8~16. If users select Channel No. 9 and click the button, 1~9 split screens will display. Similarly, if users select Channel No. 10, 8~16 split screens will display.
- 16-Split Screen Mode: Click on No.16 button and 16-split screens will display.
- 25-Split Screen Mode: Click on No.25 button and 25-split screens will display.
- 36-Split Screen Mode: Click on No.25 button and 36-split screens will display.
- 64-Split Screen Mode: Click on No.64 button and 64-split screens will display.
- Seq: Click 'Seq' and then it will show an ordered list of display which will change the channel of live display to next channels. For example, In 4 channel display, CH5 to CH8 on the display screen will change to CH9 to CH12 sequently.

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The selected channel is outlined in blue

#### 9.3.3.2 Health Check

- Please choose one of the registered sites in Server list on the right hand side of the 'Live Display' and then right click on the mouse button will pop up the menu with 'Health Check'.
- Please choose 'Health check' function when users want to check the status of the DVRs.
- Now users can choose either Health Check or Monitoring to see the status of the DVR at the bottom of the right corner.



• Health check shows the status of how many cameras are activated, how many HDDs are available, and how many channels are recorded.

149				DAT	E	2011	-07	-06	11:3	9:54	~ 20	11-0	0-8	9 1 1	:08:	57
HEALTH CHECK	м	MONITORING														
AMERA STATUS	0	0			0	0	0	0	R,							1
DISK STATUS																Q
RECORDING	•	<b>P</b>		•	 •		•••••	»»»»								
								VER	2.2	20.0	4 0	ON	NEC	TIO	NS	1

• Monitoring shows the status of the number of motion detection and how many 'Alarm In' and 'Alarm Out' are activated.

 149	2		-	DAT	E	2011	-07	-06	11:3	9:54	~ 20	11-0	0-8	5 15	:28:	39
HEALTH CHECK	М	ONI	TOR	ING												
10TION DETECT	*	*	*	*	*	*	*	*	2	200	2	200	2	2	2	
ALARM IN		0		1	0	0	0	0	1		1					
ALARM OUT									11 <b>.</b>	11	11 <b>.</b>	11	11	11	11 <b>.</b>	11
								VER	2.2	20.0	4 0	ON	NEC	тю	NS (	1

Number	Description
(1)	DVR name
(2)	Start and finish recorded date and time

#### 9.3.3.3 PTZ Control

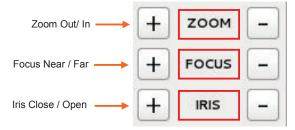
1

• Under the server list, PTZ control can be found. This is for the control of Pan/Tilt/Zoom of DVR.

- Buttons on the screen have the following functions.
  - Up/Down/Left/Right direction buttons



- Zoom In/Out, Focus Near/Far, Iris Close/Open



- Preset Control button

1	0
	Save
Go Preset	Set Preset

• Please choose the number from the drop down list from 1 to 256.

• After selecting the number, please type the description on the empty space below the drop down list and click "Save".

• If users think that the certain spot is important or need to have precautions, then they can set up the spot as 'Preset'.

• When the preset is setup up, click 'Go Preset' to move to preset spot.

- PTZ control menu can be hidden by clicking PTZ ICON below the PTZ menu.

#### 9.3.3.4 System Log

• In the Live mode, system Log is shown. This will allow users to check System Log of Remote Site (DVR).

Sys	tem Log		149		
	Туре	Date/Time		Log	
1	SYSTEM	2011-07-06 11:38:43	System start		=
2	SYSTEM	2011-07-06 11:43:50	Playback enter		
3	SYSTEM	2011-07-06 11:44:12	Playback exit		
<	1		ш	)	~

#### 9.4 Search Mode

• This involves searching recorded video to playback the wanted video of a specific date and time.

- Users are able to search the recorded data in the xCMS program by Date/Time, Event, POS/ATM Search.
  - Date/Time Search: search by inputting date/time.
  - Event Search: search by event.
  - **POS/ATM Search:** search by POS or ATM text with time.

#### 9.4.1 Date/Time Search

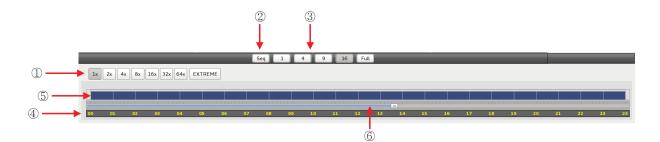
• Click Playback and following screen will appear.



- Please choose one of the devices to playback from the Server List.
- Select Date
- In calendar, dates with recorded data are marked in red.
- Select the date among the dates marked in red.
- Select Time
- Please select the time that users want to playback by click ▲, ▼ buttons on the right-hand side to adjust the time or drag the Time Select Bar with mouse.

TIN	1EBA	٩R	EVE	ENT	P	OS/ATM					
•			201	1/8		• ][	*				
	Sun	Mon	Tue	W	Thu	Fri	Sat				
31	31	1	2	3	4		6				
32	7	8	9	10	11	12	13				
33	14	15	16	17	18	19	20				
34	21	22	23	24	25	26	27				
35	28	29	30	31	1	2	3				
↔ ► = >>											
		1	3:38	:00			<b>^</b>				

-	Search previous 'Year'
	Search subsequent 'Year'
•	Search previous 'Month'
	Search subsequent 'Month'

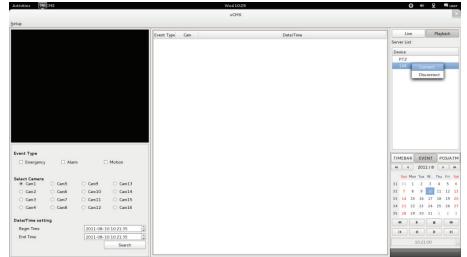


1	Fast Forward/Backward & Playback (Click the button to increase the speed by x1, x2, x4, x8, x16, x32, x64 and Extreme)
2	Sequence Mode
3	Display Mode( Click the button to divide the screen by 1, 4, 9, 16 and Full
4	Time Bar (24 Hour)
5	Data Bar (Recorded data)
6	Time Select Bar

• When Date/Time search is completed, please click 'Play is button to begin playback.

#### 9.4.2 Event Search

- The Event search allows users to search event recorded data of DVR.
- To start the event search, please click 'EVENT' and users will see the following screen.



- Please choose one of the devices among the 'Server List' and right click on the mouse to have popup menu with Connect.
- Please click 'Connect' to start the event search
- Event search has three different parts called Event Type, Select Camera and Date/Time setting.
- ① Event Type: it has three event types which are Emergency, Alarm and Motion. Please choose one event that users want to detect.
- ② Select Camera: Please select the camera that users want to view from Cam1 to Cam 16 for the event (Only 1 camera can be selected).
- ③ Date/Time setting: Please select the begin and end time by clicking the up/down arrows and click "Search"

#### 9.4.3 POS/ATM

- POS/ATM button allows users to search for the POS/ATM text.
- Please click 'POS/ATM' button right next to the 'EVENT' and users will see the following screen.

Activities	MACMS				Wed 10:32			6	) 40 <u>5</u>	🚽 🖣 user
					xCMS					*
Setup										
								Live		Playback
							S	erver List		
							5	Device		
								PTZ		
								149	Connect	
									Disconne	
										-
				Event Type Cam		Date/Time				
Select Camer							-			
Cam1	O Cam5	O Cam9	O Cam13					TIMEBAR	EVENT	POS/ATN
O Cam2	O Cam6	O Cam10	O Cam14					4 4	2011/8	
<ul> <li>Cam3</li> <li>Cam4</li> </ul>	<ul> <li>Cam7</li> <li>Cam8</li> </ul>	<ul> <li>Cam11</li> <li>Cam12</li> </ul>	<ul> <li>Cam15</li> <li>Cam16</li> </ul>							Thu Fri Sa
		O Camiz	C Califito						1 2 3	
Date/Time Se Start Time	tting	2011-08-1	0 10 21 35							11 12 11
End Time							2	13 14 1	15 16 17	18 19 20
End Time		2011-08-1	0 10 21:35				2	4 21 2	2 23 24	25 26 21
Text Option							3	5 28 2	9 30 31	1 2 3
Display Opti	on	Text Windo	w o				6		•	
								H	•	I II
									10.21:00	
POS / ATM			Search						10.21:00	

- Please choose one of the devices among the 'Server List' and right click on the mouse to have popup menu.
- Please click 'Connect' to start the event search
- Event search has three different parts called Event Type, Select Camera and Date/Time setting.
- ① Select Camera: select a camera to search (Only 1 camera can be selected in this search).
- 2 Date/Time setting: please set up the start and end time
- ③ Text Option (Display Option: Users are able to select the display option of the playback.)
- Text window: The detected text will be shown on the 'Windows text' right next to the 'Display screen'.
- Overlay: The text will be overlaid on the playback video in the 'Display Screen'.
- $\mbox{-}$  Both: The text will be overlaid on the video and the text window as well.
- Hide All: The text will not be displayed in both video and the text window.

Activities CMS						Fri 16:18		<b>()</b> 41	모 <b>두</b>
etup						xCMS			
	II.II		4 Co	oax cable 67 [C	A0]9			Live	Playback
	A NOR A PROPERTY OF							Server List	
Passing balances								Device	
								PTZ 149 ▶ 113	
	P85 P85 P85 P85		1	Event Type Text in		Date/Time	2		
and a second second second	tere among		2	Text In	Caml	2011-08-04 13:40:44			
elect Camera			3	Text In	Cam1	2011-08-04 13:40:47			
Cam1 O Cam5	O Cam9	O Cam13	4	Text In	Cam1	2011-08-04 13:40:48		TIMEBAR EVE	ENT POS
Cam2 O Cam6		O Cam14	5	Text In	Cam1	2011-08-04 13:40:50		4 4 2011	and a second second
Cam3 O Cam7 Cam4 O Cam8		O Cam15 O Cam16	6	Text In	Cam1	2011-08-04 13:40:52		Sun Mon Tue	
		C Canto	7	Text In	Cam1	2011-08-04 13:40:55		31 31 1 2	3 4
e/Time Setting tart Time	2011-08-0		8	Text In	Cam1	2011-08-04 13:40:56		100	10 11
nd Time	2011-08-0		9	Text In	Cam1	2011-08-04 13:41:00		33 14 15 16	17 18 :
nu me	[2011-08-0	5 13 30 50	10	Text In	Cam1	2011-08-04 13:41:01		34 21 22 23	24 25 2
ct Option			11	Text In	Cam1	2011-08-04 13:41:02		35 28 29 30	31 1
		w. a	12	Text In	Cam1	2011-08-04 13:41:07		4	
Display Option									
Display Option			13	Text In	Cam1	2011-08-04 13:41:08			
Display Option POS / ATM		Search	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Text In Text In	Cam1 Cam1	2011-08-04 13:41:08 2011-08-04 13:41:10		1340	

• To search the word, please fill out the text box with the searching word.

POS / ATM	Search
PUSTATM	2Edi

- Please click 'Search' when all the necessary requirements are filled out.
- The following screen shows the result of the POS/ATM search

	Event Type	Cam	Date/	Time
1	Text In	Cam1	2011-08-04 13:40:35	
2	Text In	Cam1	2011-08-04 13:40:44	
3	Text In	Cam1	2011-08-04 13:40:47	
4	Text In	Cam1	2011-08-04 13:40:48	
5	Text In	Cam1	2011-08-04 13:40:50	
6	Text In	Cam1	2011-08-04 13:40:52	
7	Text In	Cam1	2011-08-04 13:40:55	
8	Text In	Cam1	2011-08-04 13:40:56	
9	Text In	Cam1	2011-08-04 13:41:00	
10	Text In	Cam1	2011-08-04 13:41:01	
11	Text In	Cam1	2011-08-04 13:41:02	
12	Text In	Cam1	2011-08-04 13:41:07	
13	Text In	Cam1	2011-08-04 13:41:08	
14	Text In	Cam1	2011-08-04 13:41:10	
10	Tautia	C1	2011 08 04 12.41.12	>

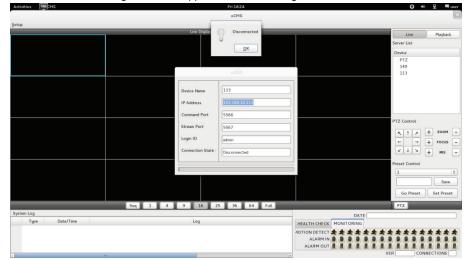
• Double click on the event that users want to display.

## 9.5 Disconnection

• When disconnect, please right click on the connected site and choose 'Disconnect'



• Once users click 'Disconnect', following screen will appear with the message of 'Disconnected'.



## 9.6 Uninstallation

- Please go into the 'Home' folder and right click on the xCMS icon.
- Please choose 'Move to Trash' to uninstall the xCMS program

