# RMS (RemoteManager) Remote Monitoring Software

# **User Manual**

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# Thank You

Thank you for purchasing ! Before operating the system, please read this User Manual thoroughly and retain it for future reference.

# 1

# Contents

1.	INTRODUCTION
2.	SYSTEM REQUIREMENT
3.	INSTALLATION
4.	BASIC OPERATION
5.	SCREEN LAYOUT
6.	DVR SITE REGISTRATION
7.	LIVE CONNECTION11
8.	PLAYBACK CONNECTION
9.	REMOTEMANAGER SETTING
10.	PTZ CAMERA CONTROL
11.	BACKUP LIVE
12.	REMOTE CONFIGURATION
13.	BACKUP ARCHIVE
14.	SAVING SNAP-SHOT
15.	STILL PRINTING
16.	LOG EVENT SEARCH
17.	AVI CONVERTER
18.	TIME SYNC
19.	APPENDIX (USER AUTHORIZATION)
20.	APPENDIX (WATERMARK)
21.	APPENDIX (Q & A)

# 1. Introduction

With this program installed on P/C, user can fully manage and monitor the images on DVR(s) over network. Maximum of 16 channels can be seen at once. The camera images can be seen from any position with the button on the screen when PTZ driver has been installed.

# 2. System Requirement

**Recommended Specs** 

Category	Content
OS	Windows XP / Vista
CPU	Pentium Dual core 1.8GHz or Higher
RAM	1GB
VGA	1024 × 768, 24bit color, DirectX support Min. 256MB (No shared memory)
HDD	20MB free space for installation Min. 10GB free space for Remote Backup

#### Minimum Specs

Category	Content
OS	Windows XP / Vista
CPU	Pentium 2GHzor Higher
RAM	512MB
VGA	1024 × 768, 24bit color Min. 64MB video memory
HDD	20MB free space

# 3. Installation

3.1 Run RemoteManagerSetup.exe on CD and then Setup Menu appears as below.



Press the [Next] button to move to the next screen.

Remote Choos Selec	Manager Setup e Destination Location :t folder where setup will install files.		
6	Install RemoteManager to C.Vhogram Files/RemoteManager	ŀş	Change
InstallShie	d	< Back. Next >	Cancel

Press [Change] button if you want to install the program in another directory.



Select Program Folder.

Click [Install] to begin installation

# 4. Basic Operation

#### 4.1 Execute



Select RemoteManager from Start > Program list Or click on RemoteManager icon on Desktop



#### 4.2 Log on



Input User ID and Password, then press [OK].

Default ID and password for administrator is "admin" and "1234", which is the highest level of authority for the operation of RemoteManager.

Default ID and Password for Administrator

- User ID: admin
- Password: 1234

## 5. Screen Layout

1 2 3 4	5 6 7 8 9	10 11 12 13 14 14
ि हैंब UVR Ste	(1), [2), [1), [3], [6], [7], [4], [1], [1], [4], [1], [1], [1], [4], [4], [4], [4], [4], [4], [4], [4],	15
	(12) (14) (15)	17
Live Date & Time 2009/03/18(WED) 11:13:06 Connection Info DVR Site Not Connected Channel	System Channel	Date/Time Description 16
User ID		

- 1. Live Mode : Showing live image
- 2. Playback (VOD) Mode : Playback (Video On Demand) recorded image
- 3. Close All : Close all channel screen
- 4. RemoteManager Setting : Option setup of RemoteManager
- 5. DVR Site Registration : Add / Modify Site List and User List
- 6. PTZ Camera Control : Control camera PTZ & Focus
- 7. Backup Live : Save live video into PC (SSF or AVI format selectable) \* Available in Live Mode only.
- 8. Remote Configuration : Remote setup DVR
- 9. Backup Archive : Backup recorded video from DVR to PC \* Available in Playback(VOD) Mode only.
- 10. Saving Snap-Shot : Save picture to PC
- 11. Still Printing : Print out image
- 12. Log Event Search : Showing event in server & find image
- 13. AVI Converter : Convert SSF file to AVI format

#### 14. Exit RemoteManager program

15. Screen Division Selection : Change screen division mode



- 16. Alarm and Audio : Alarm on/off, Audio mute
- 17. Channel Screen : Transmitted images of camera are shown in each channel screen. Left click with mouse and then the chosen screen is indicated by yellow border.



# 6. DVR Site Registration

#### 6.1 Select DVR Site Registration icon



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	The same laboration is	-	-
	P ANTIN (P (PC)	(also	100010
	Password	1	-2
	Pet	9020	-
	Web Part	10	-
	Oavel	1	- 2
	- Input a channel rund	er or range with care	-

6.2 In Site Manager, select [Site List] and click [Add] to add or click [Modify] to amend DVR site information.

System				
Name	DVR 1			
IP Address(or URL)	192.168.0.231	Search	Default Port # : 9010	
User ID	admin		In case of DDNS connection	
Password	****		vou need input URL as per foll	owing forma
Port	9010		[m ac address].[ddns link]	e ning renna
Web Port	80		e.g. 001c84010021.cctv-link.nd	et
Channel	1-16		-	
- Input a channel numb	er or range with comma	-		
001-0011.12-10			IP Address(or URL) 001c84010021.cctv-link.r	ĩ
	02	Cancel		-

6.3 In Site Property, input DVR Name, IP, User ID, Password, Port, Web Port and Channel#, then click [OK]

e Manager				8	RemoteManager File West Tools During Colors Hele
Re List Group L	int   Unit Lint	1 Prot	Land		1 🔊 🖗 🖳
DVR3	19216810218 19216810218 19216810274 001C8403838.cet+k	9010 9010 9010	80 80 80	adrin adrin	■ Sec Over Group     ■ Sec Over Store     ★ ▲ [Over1]     ★ ▲ [Over2]     ★ ▲ [Over3]
•	Add	M	odity	Renerve Cancel	O (1)Charmel     O (2)Charmel     O (2)Charmel     O (2)Charmel     O (5)Charmel     O (5)Charmel     O (5)Charmel

6.4 New DVR information will show at DVR Site panel, after click [OK].

6.5 In Site Property, select [Search], Device Auto Detect window will pop up.

a Property		H.H	Device Auto Detec	0					
Dates	-							Detect (	Sourts :
P Address()r (RL)	1-0	Search	P.Dir. Verplant	Nertwark Type	p	MAC Address	SdretMak	Galanap	MaxSH
User III	adrey								
Passod	1								
Pert	10.00								
THE PART	80								
Clane	1	- C							
browt a channel numb en) 1-6,4,11,12-15	er ir respectib conne.	21							
	a ]	Cenal	Seath Re	altration   Search Port i	9010	T the Ric Address fo	r Device Registrato	0	Otor

6.6 Click [Search], all DVRs connected over the network will be listed out.

							Name		
					Detect : 1	2	IP Address(or U	JFL) 192.168.10.213	
W Version	Network Type	····· P	MAC ASServe	SubretMaik	Galaxiay	Max CH	User ID	admin	_
L0.12 (MCU ) 4.1.0) L1.3 (MCU ) 4.3.0)	DHCP State	192.148.10.200 192.168.10.215	90(1C)84:01(31:6P 80(1C)84:01(31:6P	255-255.255.0 255-255-255.0	192.168.10.1	14	Password		_
0.12 (HCU + 4.4.0) 0.12 (HCU + 1.0)	52.45x 51.40x	192.166.10.20 192.168.10.113	00.1C/04.01/25/88 00.4A/88/CC/0D/10	258.255.255.0 258.255.255.0	192.168.10.1 192.168.10.1	3-18	Port	9010	_
2.11 (MCU + 1.0)	51.40x 52.40x	192.168.10.214 192.168.10.92	00:42:55:10:10:40	255.255.255.0	192,168,10,1	3-36	Web Port	80	_
1.1.1 (MCU : 4.4.0)	5140c 7140c	192.168.10.153	00/3C/84/85/24/23	255.255.255.0	192.058.10.1	3-16	Channel		_
						and a company	- Input a channel	I number or range with comm	18.

Select the DVR and click [Registration], DVR's IP, User ID, Port and Web Port information will be shown in Site Property automatically. Then fill in the Name, Password and Channel, and click [OK].

6.7 If select [Use Mac Address for Device Registration], and then click [Registration], DVR's mac address & cctv-link.net will be shown in Site Property automatically.

					Detect : 1		IP Address(or URL)	00AA88CCD010.cctv-li
P/W Version	Retwork Type		MAC ASSess	SidnetMask	Gateway	Mar OH	User ID	admin
v3.0.12 (MCU : 4.4.0)	State	192.168.10.28	00:10:94:01:22:88	255.255.258.0	192.188.10.1	1-16	Darmord	
(3.0.12 (MCU) 4.1.0)	DHCP	192.168.10.200	00:1C/04-01:1L/IF	255.255.255.0	192.188.10.1	14	Passworu	
v0.1.1 (HCU : 4.1.0)	2.4%	192.568.10.214	00.10.04.01/34:49	218.215.255.0	192.168.10.1	14	Best	9010
(3.1.1 (HCU: 4.3.0)	5100c	192.168.10.213	0010C-04/01/0P-2D	255.255.255.0	192.168.10.1	3.46	1 Park	
v3.1.5 (MCU + 3.0)	51.40x	192.168.10.215	D0.1C(64.01:3E)36	298-295.255.0	192.168.10.1	14	Web Post	80
(2.2.11 (MCU : 2.1.1)	52.40x	192.168.10.92	00:A2:55:10:10:4C	255.255.255.0	192,568.10.1	3-16	Hebrart	
v1.1.1 04CU ( 4.2.0)	31400	192.568.10.153	00/3C/84/85/24/23	255.255.255.0	192.168.10.1	1-10	Channel	
						1000	- Input a channel nun	ber or range with comma.

6.8 In Site Manager, user can create a group by selecting [Group List]. Click [Add] of the left side and input Group Name. And then, confirm by clicking [OK] button.

List	Group Lint   User List   List				
No.	Group Name	No.	Ste	Chan	Description
	,	*			
A44	Iodly Remove		Add Mode	y Remov	4

Group Name : Group 1	- ( )

6.9 Click [Add] of right side and register DVR and its channel that user wants to include in the Group.

Manage	System			×	Site	Mana	Ber				
le List B	Name	Meeting Room	-		Ste	List	Group List   User List				
Group Lie	IP Address(or URL)	192.160.10.213	Search		T	Group L	List		49	12	
1	User ID	admin		30		No	Group Name	No.	Site Meeting Room	4	Description
-	Password	****	-	- N			-	121 (7)	Watch A Watch B	23	
	Port	9010	-					四月			
¢	Web Port	80		2		<	- 8	4	-	11	3
Add	Channel	4	_			Add	Modity Remove		Add Modily	Reno	
	<ul> <li>Input a channel numb ex) 1-4.6.11.12-16</li> </ul>	er or range with comma.					<i>ni 115</i> 1 - 2			÷.	
	1			arcel						0K	Can

6.10 Click [Add] of right side and register DVR and its channel that user wants to include in the Group.



6.11 In Site Manager, select [User List] and click [Add] to add or click [Modify] to amend User's properties.

Smith C	Built-in account for administring the program.
	uper a
	use o
	user c
	uter e
	(and a

6.12 "admin' is the built-in account for administrating the DVR and RemoteManager program.

User Property	
Logon User	
User ID	admin
Password	*****
Confirm Password	*****
Description	Built-in account for administering the Program
Function	
Backup Live	AVI Converting
Snap-Shot	
	OK Cancel

6.13 Other normal users can be assigned with different level of authority.

Jser Property				
Logon User				
User ID	a			
Password	*****			
Confirm Password	*****			
Description	User a			
Function	AVI Converting			
Shap-Shot	F Printing			
	OK Cancel			

# 7. Live Connection

7.1 Select Live Mode icon



7.2 Select a site from the DVR Site panel. Then with the mouse, drag and drop it to the Channel Screen.



7.3 Show live date & time, connection information of the DVR site.

e Liane al Ime	
2008/03/14	(FRI) 21:48:51
nection Info	
DVR Site	233
Channel	1
CONTRACTOR	

7.4 Indicate event occurred - Show live date & time, connection information of the DVR site.

System	Channel	Date/Time	Description
192.168.0.231		2007/08/18 15:58:40	Option setup end
192.168.0.231		2007/08/18 15:58:43	Option setup start
192.168.0.231		2007/08/18 15:58:45	Option setup end
192.168.0.231		2007/08/18 15:58:50	Camera connection status changed (Cam On : 2 3 4 )
192.168.0.231		2007/08/18 15:58:52	Camera connection status changed (Cam On : 1 2 3 4 )

 Note
 1) It is available in the case that "Remote Notify" setup of DVR is done correctly.

 2) If UEventServer.exe(of CMS) is being operated in the same PC, event may not be listed correctly.



7.5 Show channel#, resolution, live date & time of the connected channel.





# 8. Playback Connection

#### 8.1 Select Playback(VOD) Mode icon



8.2 Select a site from the DVR Site panel. Then with the mouse, drag and drop it to the Channel Screen.



#### 8.3 Select date on calendar, and Input playback time



8.5 Then click forward play or Backward play icon



8.7 Show DVR channel #, resolution, recorded date & Time of the connected channel.



8.4 User can also search video by using 0~24 hour Intelli-Search bar



Enable [Play DST] to play DST video.

When DST finishes, the "one hour" overlapped data is shown in BLUE color in Intelli-Search bar.

8.6 User can adjust playback speed



8.8 Enable / Disable audio mute



# 9. RemoteManager Setting



#### 9.1 Select RemoteManager Setting icon

	Save File Format for Live Backur
♥ OSD Display ♥ Name ♥ Date ♥ Resolution	G SSF C AVI
	DDNS
<ul> <li>Use DirectDraw for image display (This option is to be applied after restarting this program.)</li> </ul>	IP : cctv-link.net
✓ Use DeInterlace	Port : 10000
Try to connect again when network is abnormally disconnected	Event Port 8003
Reconnection Interval : 5 (sec)	
Connect based on Previous [View Layout]	TimeSync Port
Show Image Info on Snapshot	8002
Screen Switching Interval (sec)	Storage Server IP
Alarm Pop-up (sec) 5 💌	
Saving Directory	· · ·

#### 1. Receive Event

Select type of event to receive from DVR sites

#### 2. OSD Display

Select On-Screen-Display information

#### 3. Save File Format for Live Backup Select live backup file format

#### 4. DDNS

Setup DDNS IP (or Link) and Port

DONS	
₽ :	cetv-link.net
Port :	10000

5. Enable / Disable DirectDraw & DeInterlace If image cannot be displayed properly, disable DirectDraw and then restart RemoteManager (For Windows Vista, this DirectDraw may be disabled automatically)

- 6. Use DeInterlace Enable / Disable DeInterlace
- 7. Automatic re-connect Setup automatic re-connection interval
- Use auto connecting previous View Layout It will remember the live connection channels layout. When restart RMS, it will auto connect to the channels as per previous logon.

In Live Connection Mode, user can select [Previous View Layout] in Hot-Cut menu to recall previous connection channels.



- 9. Screen Switching Interval (sec) Select screen rotation interval time
- 10. Alarm Pop-up (sec) Select alarm pop-up time
- 11. Event Port Setup event receiving port
- 12. TimeSync Port Setup port for time sync
- 13. Storage Server IP Setup storage server IP (Video Streamer only)
- 14. Saving Directory Select folder for saving backup image
  - Click

to browse folder

15. Show Snap-Shot Image Info Add site name, channel title & number, date & time in snap-shot.

# 10. PTZ Camera Control





PTZ Control : Camera can be moved up, down, left and right

Focus/Zoom : Adjust focus of lens, zoom in & out

- Preset : Setup preset location
- Speed : Adjust moving speed of camera

Virtual PTZ : PTZ can be controlled by clicking mouse on channel screen directly



Fast moving



Zoom In



Slow moving



Zoom Out

## 11. Backup Live



- 11.2 Select Backup Live icon

11.1 Connect to desired DVR site in Live mode, then click on the channel screen to

backup (chosen camera to be indicated by yellow border).

11.3 Then, it will start saving live video, and [Recroding...] will be displayed on selected channel. Click Backup Live icon again to stop saving, it will show "Backup complete!" message.





11.4 User can change the saving folder at RemoteManager Setting > Remote Options > Saving Directory

Saving Directory		
C:\Program Files\RemoteManager		
	ОК	Cancel

Saving Folder => C:\Program Files\RemoteManager\ArchiveData\ [DVR site name] \ [Date] \ Video clip file name => hhmmssxx.ssf or hhmmssxx.avi (xx+1 is channel number) ex.) Ch 3 at 11:45:32AM => 11453202.ssf or 11453202.avi

11.5 User can select the saving file format (SSF or AVI) at RemoteManager Setting > Remote Options > Save File Format for Live Backup

Save File Format	for Live Backup —
SSF	C AVI

select camera for live

# 12. Remote Configuration

% 6 ≤ € C C H Ø 1 10 19 6 6 41 1.0

12.1 Connect to desired DVR site in Live mode, then click on the channel screen to select camera of DVR for

remote configuration (chosen camera to be indicated by yellow border).

- 12.2 Select Remote Configuration icon
- 12.3 Web Login page of DVR will pop up. Input User ID and Password of DVR to login.



Default administrator ID and password of DVR: ID: admin, Password: 1234



12.4 User has to install ActiveX file at workstation P/C.





Security Setting of IE web browser has to be properly made.

#### 12.5 After ActiveX installed, Web page will be shown as below.



There are 5 kinds of configuration categories :

- A) SYSTEM
- B) DEVICE
- C) RECORD
- D) NETWORK
- E) QUICK SETUP

12.6.A.1 In SYSTEM > SYSTEM INFO tab, you can setup DVR's Date/Time, Display format and HDD overwrite.

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C. K. mburn marker be	A 19 year of the set of the	D . D . D . D . D	provide state of the state of t
Property and a service of the	And the second se		County
WEB CONFIGURAT	ION		
STREEM	O SYSTEM DRO		
SYSTEM DEG USER DEFAULT	STITE MANE : DVR1		
ALBOOT	1 DATE/TIME : 2008/99/02 - 13:01:22		
RECORD	+ DATE/THE FORMAT   MR(DD/YYYY + 24.H	•	
NUTWORK	- SAY (SAT SAVEG ) 1 USE NOT	0	
	+ 610   Month   08 Deg   01 H + 10	0	
	+ THE STIC HOOL   Nove • CHOL[1]	laur +	
	1705/001 + 1705/001 + 1705/001 +		
	- AUXHOTE TO : D		
	- VERSION : 3.0.0		
	- IP ADDRESS : 192.168.0.203		
	HAC ADDRESS : 00:AA BE CC:00:10		
	KEVDOAED : None		
	- REPLAY		
	+ SEQUENCE DWELL TIME - 3 HEC -		
	+ SPOT-DUT DWELL T2HE = 3 sec -		
	* VGA H000 : 8000000		
	+ SPUT-OUT		
	9.4L 9.1 9.2 9.3 9.4 9.5 9.4 9.7 9.8 9.9 9.10 9.1	1 M12 M13 M14 M15 M14	
	EAL MOATS MINE RITUS DITZ RAICORD M	AUSED	
	- NDD FIAL : CV/RV/R/TE -		
	SAVE		
		Biterrat ( Pullected Mude Off	- NION -

You have to click [SAVE] to apply new setting.

------12.5 Annual and a state G - e top/111188.0.301/g-tox/untern.une.cp - + K Lie See JL 1 🙆 🏟 🖉 HERVISLING AND STOLEN AND STOLEN R · D · H · Dor Dier C T PLATEACK I LI WEB CONFIGURATION D USER **WHERE** SYSTEM IN Q DESCRIPTION EDEF/DELEW 10.1 LINE B NICH DETAILT REAL COLUMN 12 1 atre i. advendrator T. NEW USER EVOID E USER ADD/EDET · MAR: + DESCRIPTION : + PASSWORD : · CONTIRUE : - FUNCTION WINDOWN WINARCH WITZ WANCEP WINAPACE 10000 ESYSTEM REPORT REACORD REALTINGS REACHING REALTING CAHERA 第4L 第1第2第3第4第5第8第第7第8第9第18第18月28月28月38月38月38月3 ADD MODIFY SAVE Diversal (Postaciae) Moder Off 4,100% -

12.6.A.2 In SYSTEM > USER tab, you can add or edit user's password and level of authority.

Click [EDIT] to modify existing user, and then click [MODIFY] to apply change.

Click [NEW USER] to add new user, and then add [ADD].

12.6.A.3 In SYSTEM > DEFAULT tab, you can initialize the system setup as released from the factory.

ge legs 532 284.8 201 - p lon system, delast og - Windows Detertet Explore		n   - 63
Color # Http://282388.0.303/rg-bin/lyttem.6deatt.cp	• + K Lie See	
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	BIS MONTHERS & PLATERIA & LINCOL	
SYSTEM SYSTEM INFO USS DEFAULT REBOOT INFO RECORD RETROORD RETROORD QUILOC RETRIP	"factory behald," evaluion user to initialize the system only an evices of the factory. There will now all the system sorting after redoocting the system, and accordingly have to set again network configuration to connect.	
Dane	Distance ( Federated Mode Of	4.1005 ·

User will lose all the system setup after rebooting the system, and have to setup again network configuration to connect.

12.6.A.4	In SYSTEM :	> SYSTEM REE	SOOT tab,	you can	reboot th	e system	without a	ny change	of the setup
----------	-------------	--------------	-----------	---------	-----------	----------	-----------	-----------	--------------

gel help://282.288.2.282.0.gi hiv system_sekset.op - Workeys Deterior Explore	inter and inter
G	• 49 🗙 Liectures
🍲 🐟 👩 http://2022/082.000/cg-backyraws_related up	A + B + B + B the + D the + "
WEB CONFIGURATION	
SYSTEM SYSTEM INFO USA OFAILST BEROOT BEROOT BEROOT BEROOT BEROOT BEROOT	"System Reboot" enablies user to reboot the system without any charge of the setup. Our can use this hanchor when the seturark is discense-ted due in abcommi operation of the systems and try to recurse cf. However, iP number assigned to the system any the charged in case of DHCP mode.
Dunk	🖨 Internet ( Federated Model Off 🛛 4, 100% +

User can use this function when the network is disconnected due to abnormal operation of the system and try to reconnect. However, IP number assigned to the system may be changed in case of DHCP mode.

12.6.B.1 In DEVICE > CAMERA tab, you can setup Camera color and motion detection of each camera..

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DEVICE	- CANERA SELECTION		
CANCEA			
SENSOR HOTEON ALARM	· HOTOR AREA SETUP		
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RECORD INCOME		COVERT: DP	-
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		+ CONTILAST : 50	•
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		C. NO.	DEPAILS
	大きちょうののなどが	· NAMESITATIY : 70	-
		SAVE	
		G Internet   Protected Mode Of	4.005 ·

Click [SAVE] to apply new setting.

12.6.B.2	In DEVICE > AUDIO	tab,	you can	turn	on/off	audio	channe	ls
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21 http://10.100.0.200.vg/low/device.autor.cg/-Windows Internet Equipme					- Iste Ba
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SENSOR MOTION ALARM	A0085 1	1	01	2.	
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STREET	ID SERISOR								
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AUDIO	1 100	•11 •11	•10	. 90	11	1.1 ML	• 1 Nore	+ 1 N/0	
NOTION ALARM	2 1007	+12 +1	• • 1	. 10		1200	• 1 mm	- 1 1/10	-
EXTRA ALARM	3 104	11 +1	• • 1		11 .	13.86	+   Sone	• 1 100	
RECORD	4 105	+14 +1	•1	. 40	10 .	11.000	• 1 hore	+ 1 N/D	•
NETWORK	1 (0)	•13 •11	• • •	• 10	10 .	1100	• 1 Nore	+ 1 N/O	
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12.6.B.3 In DEVICE > SENSOR tab, you can setup Sensor for each channel.

Select Notify Mode, and then click [SAVE] to apply.

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12.6.B.4 In DEVICE > MOTION ALARM tab, you can setup Motion Alarm of each camera.

Select Notify Mode, and then click [SAVE] to apply.

12.6.B.5 In DEVICE > EXTRA ALARM tab, you can setup Extra Alarm of DVR.

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S.M.A.R.T : setup alarm for HDD health

VIDEO LOSS: setup alarm for video loss

RECORDING FAILURE: setup alarm for DVR recording failure

HDD FULL: setup alarm when HDD reaches to defined Disk Usage %

Click [SAVE] to apply change.

12.6.C.1 In RECORD > CAMERA tab, you can setup Camera On/Off, Resolution, FPS, Quality, Auto Delete and Audio for each channel.

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You can adjust frame per second (FPS) and resolution of each camera, based on the REMAINED FPS left.

Click [SAVE] to apply new setting.

Note If user selects "USE QUICK SETUP", detail setup (RESOLUTION, REC. FPS, NET. FPS, QUALITY, etc.) will not be available.

12.6.C.2 In RECORD > SCHEDULE tab, you can setup Recording Schedule of each channel.



You can add Holiday by clicking [ADD].

Click [SAVE] to apply new setting.

Note If user selects "USE QUICK SETUP", detail setup will not be available.

12.6.D.1 In NETWORK > NETWORK tab, it will show Network information of the DVR

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	, TOP/ IP PORT :	9030	I	
	- WEB PORT :	80	1	
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12.6.D.2 In NETWORK > DDNS tab, it will show DDNS Server and Port information of the DVR

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You cannot change any setting in above 2 tabs.

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12.6.D.3 In NETWORK > NOTIFICATION tab, you can setup Remote Notify and E-mail Notify.

Click [NEW ADDRESS] to add new remote notify IP. You can also Edit / Delete remote notify IP by clicking [EDIT] or [DELETE]. Click [ADD] / [MODIFY] to configure type of events.

Click [NEW EMAIL] to add new e-mail address. You can also Edit / Delete e-mail address by clicking [EDIT] or [DELETE]. Click [ADD] / [MODIFY] to configure type of events.

Lastly, click [SAVE] to apply new setting.

12.6.E.1 In QUICK SETUP > QUICK SETUP tab, you can configure Quite Setup of DVR.

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You can configure:

- Recording Resolution
- Recording FPS
- Recording Mode
- Recording Time

Click [SAVE] to apply change.

#### 12.7. Live Monitoring

Click Web Monitoring to go to live monitoring page





- 1. Select channels for connect or disconnect.
- 2. Connect selected channel.
- 3. Disconnect selected channel.
- 4. Go to Web Configuration page.
- 5. Log out to go back to Web Login page.
- 6. PTZ control
- 7. On & Off audio
- 8. On & Off Deinterlace
- 9. Select display of 1, 4, 9 or 16 screen mode
- 10. Single Channel Pop-up button

Connection of Live Monitoring : Select channel and then click [CONNECT]

Disconnection of Live Monitoring : Select channel and then click [DISCONNECT]







Right click on single screen channel, select [Full Screen] to enlarge image.

\* Only available at CIF Image.

#### 12.8. Playback

Click Plackback to go to playback page



- 1. Select channels for connect or disconnect.
- 2. Connect selected channel.
- 3. Disconnect selected channel.
- 4. Go to Web Configuration page.
- 5. Log out to go back to Web Login page.
- 6. Calendar, date and time search
- 7. Play forward/backward control
- 8. Play DST data
- 9. On & Off audio
- 10. On & Off Deinterlace
- 11. Select display of 1/4/9/16 screen mode
- 12. Intelli-Search bar

Connection of Playback : Select channel and then click [CONNECT]

Disconnection of Playback : Select channel and then click [DISCONNECT]





### 13. Backup Archive



13.1. Firstly, go to Playback (VOD) Mode, and playback desired video.

- 13.2 Select Backup Archive icon
- 13.3 In Connected System List, select DVR site, and then select [VOD Backup] or [Remote File Copy].
  - Archanter
- 13.4 In case of [VOD Backup], select Date, Channel, Start Time, and End Time.

Saving Directory	
C:\Program Files\RemoteManager	
	Canad

User can change the saving folder at RemoteManager Setting > Remote Options > Saving Directory

Saving Folder => C:\Program Files\RemoteManager\ArchiveData\ [DVR site name] \ [Date] \ Video clip file name => hhmmssxx.ssf or hhmmssxx.avi (xx+1 is channel number)

#### 13.5 In case of [Remote File Copy], select Date, and Channel.

Click [OK], File List will pop up.

Vame	IP Address (or URL)	File Time	File: A	File Info
DVR 1	192.168.0.19	00:00:02	749-	Site : DVR 1
		01:00:01	778-	
		02:00:02	737:	Channel: (1) [07/12/14
		03:00:02	734;	
		04:00:02	7551	File Size :
		05:00:01	740:	
		06:00:02	700;	HDD :
		07:00:02	635(	
		08:00:02	6315	
ive Info		09:00:01	6611	Select all
		10:00:02	7175	
VOD Backup	Remote File Copy	11:00:02	655:	
		12:00:02	666!	File Save Path:
14/10/2007 W	Charpel: 1	13:00:02	7165	
a. Indistant		14:00:02	5861	
et Time : 20:32:08	End Time : 1 + (min)	14:50:23	116	
		14:50:25	775	
		14:51:10	759 1	1

13.6 Select desired File Time and File Save Path, then File Size and HDD size information will be displayed.

File Time	File : ^	File Info
00:00:02	749-	Site : DVR 1
01:00:01	770-	
02:00:02	737:	Channel : (1) [07/12/14]
03:00:02	734:	
04:00:02	7551	File Size : 684.67 MB
05:00:01	740:	
06:00:02	7000	HDD: 7974 MB
07:00:02	6350	
00:00:02	6315	
09:00:01	661(	Select all
10:00:02	7175	
11:00:02	655.	
12:00:02	6665	File Save Path:
13:00:02	7165	Put .
14:00:02	586K	por
14:50:23	1165	
14:50:25	7754	
14:51:10	759 🚩	

Click [OK] to start backup.

Saving Folder => D:\RemoteFileData\ [DVR site name] \ [Date] \ Video clip file name => hhmmssxx.ssf or hhmmssxx.avi (xx+1 is channel number)

### 14. Saving Snap-Shot



14.1 Firstly, connect desired channel either in Live Mode or Playback (VOD) Mode.

- 14.2 Select Saving Snap-Shot icon
- 14.3 Select location for saving image in PC. Image can be saved in JPEG, PNG or BMP format.



14.4 User can select option "Show Image Info on Snapshot" in Remote Option. Site name, channel title & number, date & time will be displayed in snap-shot.







15.1 Firstly, connect desired channel either in Live Mode or Playback (VOD) Mode



- 15.2 Select Still Printing icon
- 15.3 Select printer to print out



15.4 Recording Information will be printed with: Current Date, Current Time, Camera or Channel Number, Camera Position/Site



# 16. Log Event Search



16.1 Firstly, connect desired DVR site in either Live Mode or Playback (VOD) Mode.

- IO.
- 16.2 Select Log Event Search icon
- 16.3 Input Search Date, Event Type and then click [Refresh]
- 16.4 Select specified event, and click [Go to timelane] to playback video of the event.

Sean	ch Fünge			
Sea	rch Date : 18/1	1/2007 • Event	Type : All 🔹	Refresh
Nu	Time	Event	Note	1 6
1	14:58:57	Setup begin		11 A A A A A A A A A A A A A A A A A A
2	15:00:00	System shutdown		
3	15:00:56	System start		
4	15:58:28	Connection From 192.168.0.253		
5	15:58:28	Connection From 192.168.0.253		
6	15:50:28	Connection From 192.168.0.253		
1	15:50:28	Connection From 192.168.0.253		
8	15:52:33	Connection From 192.168.0.253	1	
9	15:52:33	Connection From 192.168.0.253		
10	15:52:33	Cannection From 192.168.0.253		
11	15:52:33	Connection From 192.168.0.253		
12	15:55:26	Login : admin		
13	15:55:29	Setup begin		
14	15:55:12	Setup end		
15	15:55:16	Videaloss: CAM 1		
16	15:56:25	Setup begin		
17	15:56:30	Setup end	<b>\</b>	
18	15:56:41	Videoloss: CAM 1		
19	15:58:03	Setup begin		
20	15:58:40	Sehip end	<b>\</b>	
Z1	15:58:43	Setup begin	<b>\</b>	
22	15:58:45	Setup end	<b>\</b>	
23	15:58:50	Videoloss: CAM 1		
24	16:02:25	Connection From 192.168.0.253		
			Lie to be-14	Cancel

# 17. AVI Converter

- 17.1 Firstly, save desired video in SSF file as per Chapter #11 Backup Live or Chapter #13 Backup Archive
- 17.2 Then playback the SSF file in Playback VOD mode (\* Drag and drop)





17.3 Select AVI Converter icon



# 18. Time Sync.

- 18.1 RemoteManager PC can act as a TIME SYNC SERVER for multiple client DVR(s)
- 18.2 In DVR Menu > SYSTEM > SYSTEM INFO > DATE/TIME SET > TIME SYNC MODE > select [Client]



- 18.3 In SYNC SERVER > input RemoteManager PC's IP address
- 18.4 Then, such DVR will act as a Client. It will follow the time of RemoteManager PC's time clock automatically according to the period setup in SYNC CYCLE.

# 19. Appendix (User Authorization)

#### Level of authority for users in DVR and RemoteManager

Level of authority for the user is linked up between DVR and RemoteManager software.

Each user can be set with a different level of authority in the operation of DVR and RemoteManager software by an administrator.

#### A) Users in DVR's User List

Adminstrator (admin) of DVR can assign each user's authority in DVR's operation.

- 1) Login the DVR as admin, then add or modify user's authority.
- 2) If a user has been restricted for a certain permissions in DVR, then those restrictions will also be applied to the operation of RemoteManager software.
  - \* Live and playback of each channel
  - \* Search
  - \* PTZ control
  - \* Backup

#### B) Users in RemoteManager's User List

Administrator (admin) of RemoteManager can assign each user's authority.

- 1) Login the RemoteManager as admin, then add or modify user's authority.
  - \* DVR Site Registration (add / modify DVR sites in RMS)
  - \* Backup Live (backup live video to remote PC)
  - \* AVI Converting (convert SSF file to avi format)
  - \* Snap-Shot (saving live image or VOD image to remote PC)
  - \* Printing (print out live image or VOD image)
- 2) The authority of a certain user at RemoteManager is governed by the permission level set in both DVR and RemoteManger, that is, such user will be restricted according to the authority setting set in DVR (mentioned in A) and RemoteManager (mentioned in B) as well.

 Note
 Remote user should be pre-registered in DVR with designated permission level.

 If user has been registered in RemoteManager only (not in DVR), then such user can not be connected to the DVR via RemoteManager.

# 20. Appendix (Watermark)

#### **Backup Player**

Click on "BackupPlayer" icon to execute Backup Player program. It can playback both SSF file and AVI file.



**SSF** file is manufacturer's propriety format which has been compressed & encrypted by unique algorithm. It cannot be altered by other software.

User can convert **SSF** file to **AVI** format by using [AVI Converter]. When playback AVI video clip in BackupPlayer, user can verify whether the AVI file has been altered or not by pressing "Watermark" button.

No alteration was found on original **AVI** video clip.



Watermark button



**AVI** video clip has been altered.

# 21. Appendix (Q & A)

#### Q: Cannot connect to the Server.

A: First, check the network environment. Also, check if the DVR server IP is correctly entered. In case the server does not support corresponding connection method, it could not be connected. Refer to the error message if it appears.

#### Q: Connection is repeatedly cut

A: Check the network. Incase the state of network is not good or if there is defect in the LAN card, the connection would be repeatedly cut.

#### Q: Sometimes pink colored screen would be shown while sequencing screen mode.

A: This happens when the VGA of some PC does not support Direct X efficiently. Try to change VGA card. Or disable DirectDraw in <RemoteManager Setting>.

#### Q: Full screen mode does not support One- screen mode.

A: Requires VGA card which supports the Direct X to see Full One Screen Mode. Or disable DirectDraw in <RemoteManager Setting>.

#### **Q**: The screen blinks while sequencing to other screen from Full One Screen Mode.

A: There would be a bit of delay while changing the screen mode to 640 × 480 for better picture quality of image.

#### Q: The screen broke on one-screen mode.

A: There could be roughly about 2 reasons. The first reason is when the VGA card does not support Direct X efficiently. The second reason is if the setting is done wrongly even when the VGA card is supporting Direct X. Check if "Screen Pixel" is set to high in the registry information of VGA card and lower down to 60 Hz.

# Q: The logo would not come out or part of the logo would be broken while returning to multiple screen modes from 1 screen mode after starting the RemoteManager.

A: It happens when the VGA card is lacking of memory. The memory of the VGA should be at least 64MByte. Or disable DirectDraw in <RemoteManager Setting>.

#### Q: Image cannot be displayed properly.

A: Disable DirectDraw in <RemoteManager Setting>, and restart RemoteManager again.

#### Q: Does RemoteManager work in Windows Vista ?

A: Yes, but it is recommended NOT to use Windows Aero color scheme.