

CamPro Express 64

64 Channel IP Camera Management Software

User's Manual

www.airlive.com





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1.	Overvi	iew	3
	1.1.	Introduction	3
	1.2.	Product Feature	3
	1.3.	Minimum System Requirements	4
2.	Install	ation	5
	2.1.	Software Installation	5
	2.2.	Recording Configuration	.13
	2.3.	Motion Detection Recording	.16
3.	Using	CamPro Express 64	.21
	3.1.	Live View Monitor	.21
	3.2.	E-Map Monitor	.27
	3.3.	Event Viewer	.30
	3.4.	Playback	.32
	3.5.	Remote Live View	.33
4.	Config	juring CamPro Express 64	.39
	4.1.	System Configuration	.39
	4.2.	Channel Configuration	.40
	4.3.	Intelligent Configuration (Motion Detection)	.43
	4.4.	Event Handing	.46
	4.5.	User Account Configuration	.54
	4.6.	Recording Setting	.56
	4.7.	Backup	.59
	4.8.	Log View	.62
	4.9.	Screen Assign	.63
5.	Appen	ıdix	.64



1

Overview

1.1. Introduction

CamPro Express 64 is the ideal video management software for home to enterprise application. It's capable of managing up to 64 AirCam IP cameras. Deliver and store high quality live video on the network.

Depending on the built-in graphic analyzes function; CamPro Express 64 can detect the motion area to pixel accuracy. Remote monitoring and playback is possible through the web browser.

CamPro Express 64 is compatible with most major brand cameras and its ability to automatically search and find the available cameras on the network can greatly reduce the user's effort when configuring the system.

1.2. Product Feature

- Manage up to 64 Network Cameras
- Support H.264 /MPEG4/ MJPEG
- High Quality Live/Playback Video
- Export Playback Videos to AVI
- Smart Search
- Remote Login via IE Browser
- E-Map Monitor and Event Alert
- Support 4 monitors



1.3. Minimum System Requirements

Software requirement:

OS: Windows XP, Windows2003, Windows Vista, Windows 7 (32 bit edition)

Hardware requirement:

- CPU: Intel Core 2 Duo or above
- RAM: Minimum 1 GB, 2GB or above is recommended
- HDD: SATA 200GB or above is recommended
- Display card: Independent display card suggested
- Make sure your display DPI setting is set to 96DPI
- Ethernet interface: 10/100Mb Ethernet card or above



2

Installation

2.1. Software Installation

2.1.1 Open the software folder and double click on the setup.exe for starting the installation. If your operation system is Windows Vista or 7 (32 bit edition), please right click on the setup.exe and select the "Run as administrator" for installing the program.

Name ^	Date modified	Туре	Size
 Files Currently on the Disc (8) 			
퉬 program files	7/16/2010 11:39 AM	File folder	
퉬 System	7/16/2010 11:39 AM	File folder	
퉬 System32	7/16/2010 11:39 AM	File folder	
🛍 0x0409	5/22/2009 4:53 AM	Configuration settings	21 KB
autorun 🖉	7/15/2010 5:52 PM	Setup Information	1 KB
🔁 CamPro Express 64	7/15/2010 5:52 PM	Windows Installer P	9,820 KB
Setup	7/15/2010 5:52 PM	Application	895 KB
🗿 Setu 🌍 Run as administrator	7/15/2010 5:52 PM	Configuration settings	5 KB
rroubleshoot compatibility			
Send to 🕨			
Сору			
Create shortcut			
Properties			

2.1.2 The installation program will prepare to install the program.

CamPro Express 64 - InstallS	hield Wizard
4	Preparing to Install
C	CamPro Express 64 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Configuring Windows Installer
	Cancel



2.1.3 Click on "Next" for the next step of installation until the "Finish" button comes up.



2.1.4 After the installation, the icon of CamPro Express64 will show on the desktop. Or you might find the short cut in the "Start → Program File → AirLive → CamPro Express 64".





2.1.5 If your operation system is a Windows 7 (32 bit edition), please right click on the icon and configure the privilege level to administrator.

CamPro Express 64 Properties	×
Security Details Previous Versions	1
General Shortcut Compatibility	
If you have problems with this program and it worked correctly on an earlier version of Windows, select the compatibility mode that matches that earlier version. <u>Help me choose the settings</u>	
Compatibility mode	
Run this program in compatibility mode for:	
Windows XP (Service Pack 3)	
Settings	
Run in 256 colors	
Run in 640 x 480 screen resolution	
Disable visual themes	
Disable desktop composition	
Disable display scaling on high DPI settings	
Privilege Level	
Run this program as an administrator	
	JI
G Change settings for all users	
OK Cancel Apply	

2.1.6 Double click on the desktop icon for starting the program. By default, you don't have to input your user name and password for logging into the system. The login window will show up as below.





Camera Configuration

2.1.7 Click on the "Channel Configuration" for invoking the Channel configuration window.



2.1.8 The easy search function will automatically search all the available IP cameras in your Local Area Network at the first time installation.

CamPro Express 64 DEMO		
System	V Channel List	
Channel	Channel List Channel	Other Settings
Intelligent	Network Setting	Format
Event Handling	IP Address 80	Resolution
Е-Мар	User Name	
User Account	Password Search	
Recording		
Backup	Device Setting	BitRate
Save	Brand	GOP
Exit	Video ID 1 Video Port	Quality
	MAC :	Audio Format
	PIZ: C Enable C Disable	5 2 6 2 6 3

2.1.9 The searching result will show on the result list. If the desired IP camera does not list on the search result, you might click on the "Search again" button for repeat the search function again.



System		- chumer Eise				
-7		Channel I	List	Channel Setting	Ĩ	PTZ Setting
Channel		Channel [1]:-	Other Settir	ngs	
Intelligent	earch					×
	ettir	n IP Address	Brand	Model	Port	
Event Handling	1	192.168.66.20	AIRLIVE	AirCam POE-200HD	80	
	2	192.168.66.35	AIRLIVE	WL-350HD	80	
E-Man	3	192.168.66.26	AIRLIVE	POE-260CAM	80	
- map	4	192.168.66.32	AIRLIVE	AirCam OD-325HD	80	
Recording						
Recording Backup						
Recording Backup Save						
Recording Backup Save Log View			Search ag	ain		
Backup Backup Bave Log View		MAC :	Search ag	ain Audio I	Format	

2.1.10 Double click on the desired IP camera on the list and its IP address will bring back to the Channel Setting window.

System		Y Channel List				
oystem		Channel	List	Channel Setting	ľ	PTZ Setting
Channel		Channel	[1]:-	• Other Settin	ngs —	
Intelligent	earch					×
		tin IR Address	Brand	Model	Port	
Event Handling	1	192.168.66.20	AIRLIVE	AirCam POE-200HD	80	
	2	192.100.00.00	AIRLIVE	WE-550HD	80	
E-Map	3	192.168.66.26	AIRLIVE	POE-260CAM	80	
Backup Bave						
Log View			Search ag	ain		
xit _		MAC :		Audio	Format	
		PTZ: (Enable 🕜 D	isable		1



2.1.11 After entering the login User Name and Password for the IP

camera, click on the icon for inquiring the configuration of the desired IP camera. You might further configure the IP camera as the explanation below.

CamPro Express 64 DEMO		
Curtan	Y Channel List	
System	Channel List Chan	nel Setting PTZ Setting
Channel	Channel [1] : -	Other Settings
Intelligent	Network Setting	h264
	CH Name: CH # 1	h264 [CAM]
Event Handling	IP Address 192.168.66.20 80	Resolution area [CAM]
Е-Мар	User Name admin	
User Account	Password ******	MAX. FPS 10 [CAM]
	Display	Pate Captrol VBR
Recording	- ax a>	VBR [CAM]
Backup		2048K
	Device Setting	2048K [CAM]
Save	Brand Airlive	10 •
Log View	Model AirCam POF-200HD	10 [CAM]
Log view		9 🔽
Exit	Video ID 1 Video Port 554	9 [CAM]
	MAC: 00:4F:70:20:00:94	Audio Format g711,g721 [CAM]
	PTZ: Ĉ Enable 🔅 Disable	5 2 5 2

- **Channel:** Assign a channel number to this IP camera.
- CH Name: Give this IP camera a meaningful name, like Front Door, Lobby and so on.
- User Name: The user account for login to the IP camera.
- **Password:** The password of the user account above.
- Video Port: Change the video streaming port of the IP camera. Please do not change this value unless necessary.
- **Format:** Select the video compression format of this IP camera.
- **Resolution:** Select the video resolution of this IP camera.
- MAX. FPS: Configure the maxima FPS of the IP camera.
- Rate Control: Switch between VBR and CBR for bit rate control method.



- **BitRate:** Configure the maxima bit rate of the video stream.
- **GOP:** Configure the GOP of the video compression format.
- **Quality:** Configure the quality of the video.

Note: Please according to your hardware performance to set those values. Higher the level of your hardware is, the higher values you might set for getting the better result.

- 2.1.12 Click on button to save the configuration.
- 2.1.13 The program will switch to the Channel List for you to add other IP cameras. Please double click on the empty channel for adding another IP camera.

o Express 64 DEMO							
	- VC	nannel List					
System		Channel List	Cha	nnel Set	PTZ Setting		
Channel	Item	Name	IP Address	Port	Brand	Model	MAC
		🔀 CH # 1	192.168.66.20	80	Airlive	AirCam POE	00:4F:70:20:00
telligent	2	🔁 CH # 2	192.168.66.32	80	Airlive	AirCam OD-	00:30:4F:76:2E
			-	-	-	-	-
ent Handling	4		-	-	-	-	-
			-	-	-	-	-
Мар	6		-	-	-	-	-
			-	-	-	-	-
er Account	8		-	-	-	-	-
						-	-
ording	10			-			
			-	-	-	-	-
ıp	13		-	-	-	-	-
	14		-	-	-	-	-
	15		-	-	-	-	-
	16		-	-	-	-	-
iew	17		-	-	-	-	-
	18		-	-	-	-	-
	19		-	-	-	-	-
	20		-	-	-	-	-
	21		-	-	-	-	-
	22		-	-	-	-	-
	23		-	-	-	-	-
	24		-	-	-	-	-

2.1.14 After clicking on the empty channel, the searching result will show up. Please repeat step 4 to 6 for completing the configuration.



2.1.15 Click on Exit button when finish. The program will

restart and the video stream of those IP cameras should be played on the screen.





2.2. Recording Configuration

2.2.1 Click on "System Configuration" for invoking the system configuration window.



- 2.2.2 Select the Recording button for starting the recording configuration.
- 2.2.3 Click on the 🖶 button on the Overview tab for adding the folder to save the recording file.





2.2.4 Select the Recording Setting tab, and configure the values as explaining below:

CamPro Express 64 DEMO	_								
	V R	ecording	Setting						
System		Ove	erview			Recording S	Setting		Schedule
Channel		Continu	Schodulo	Event		Channel			
		0	O	Evenic	-	Channel	ICHI [CH	# 1j	
Intelligent	2	x	x	0		Name	CH # 1		
	3	x	X	õ		Family	Laci		
Event Handling	4	X	X	0		Format	n264		
	5	х	х	0					
E-Map	6	х	х	0			R	ecording Mode	
	7	х	Х	0		Cor	ntinuo	Schedule	🗹 Event
User Account	8	х	Х	0				FPS	
	9	х	Х	0		Full	-	Full	
Recording	10	х	Х	0		I I I I I I I I I I I I I I I I I I I		I-cui	
	11	Х	Х	0				I/P Frame	
Backup	12	Х	Х	0		I+P	•	I+P	▼ I+P ▼
	13	Х	Х	0		1	_	1	
Save	14	X	Х	0					Pre-Alarm Time
	15	X	X	0					0
Log View	16	X	X	0					
	17	X	X	0					Post-Alarm Time
Exit	18	X	X	0					30 💌
LAIL	19	X	X	0					
	20	~	~	0	-				
					_				

- Channel: Select the desired channel for configuring. Or just click on the channel on the list left to the configuration area for selecting the desired channel.
- Recording Mode: Please check if you would like the CamPro Express 64 to recording continuously or by schedule.
- I/P Frame: Choose if you would like the CamPro Express 64 to record only I frame or both I and P frame. If the HDD space is a concern, please select I frame only.
- **Pre-Alarm Time:** Set the Pre-Alarm recording time before an event.

Post-Alarm Time: Set the Pre-Alarm recording time after an event.

- 2.2.5 Click on \checkmark button for saving the configuration.
- 2.2.6 Select other channels for further setting if necessary.



2.2.7 Click on Exit button when finish. The program will

restart and the video stream of those IP cameras should be recorded.





2.3. Motion Detection Recording

2.3.1 Click on "System Configuration" for invoking the system configuration window.



2.3.2 Select the Intelligent button for setting the motion

detection area. Please follow the explanations below for configuring the motion detection function:

CamPro Express 64										
System	¥ Intelligent Functions Settings									
bystem	Intelligent Functions Overview Intelligent Functions Settings									
Channel	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$									
Intelligent	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 49									
Event Handling	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64									
E-Map	Set Start ROI Motion Detection									
User Account	Detail Setting									
Recording	Sensitivity 80 MD trigger Source									
Backup	© Server									
Save										
Log View										
Exit										

- Channel Table: Select the desired channel for setting the motion detection area.
- Start: Use this check box to determine whether to turn on the motion detection function.
- **Sensitivity:** Set the sensitivity level of the motion detection.



- Trigger Source: Select the trigger source. If the user sets this value to Server, CamPro Express 64 will detect the motion by itself. On the other hand, if this value set to Camera, the detection task will be taken by the IP camera side. Once the motion is detected, the IP camera will send message to CamPro Express 64 for alerting the software to start recording.
- Live View Window: Just click on the mouse and drag the detection area over the Live View window. The defined area will show in green over the Live View window. You might also right click on the green gird for cancel the very grid you selected.
- **Button:** Clear the motion detection area setting if you needed to redefine the detection area.
- **Button:** Click on this button for saving the configuration.

Button: Use this button to cancel the configuration you made.

2.3.3 Select the Event Handling button for configuring the Event Recording.



2.3.4 Select the Action Group tab and click on the 🗣 button for adding the action group.

CamPro Express 64		
	*Event Action Setting	
System	Overview Event Action (Action Group) Schedule Server Se	etting
Channel	V Event Action Group	
Intelligent	ID Recording FTP Mail HTTP TCP Jaming Soun Cont 1 0 X	act
Event Handling		
E-Map		
User Account		
Recording		
Backup		
Save	- Datail Satting	
Log View	ID 1 M Auto Record	
Exit	E FTP E TCP :	
	E main Valling Walling Walling + 1	
	÷ - V	0

- 2.3.5 Click on V button for saving
- button for saving the action group setting.
- 2.3.6 Select the Event Action tab and click on 🗣 button for creating the event trigger.



2.3.7 Please configure the event trigger as explanation below:

CamPro Express 64	
	Y Event Action Setting
System	Overview Event Action Action Group Schedule Server Setting
Channel	V Action Overview
Intelligent	CH Event Action Group Trigger IC DO Preset P 1 1 1 DI Low To I Action Group #1 0 0 CH CH
Event Handling	Event Type DI Low To High 🔻
E-Map	
User Account	Action Gr Action Group #1 🔽 Preset P 🔽
Recording	1-Point_01 ▼
Backup	
Save	
Log View	
Exit	
	√⊗

- **CH:** Select the desired channel for setting.
- Event Type: Use the dropdown menu to set the event type. The event type includes Digital Input (DI) and Motion Detection.
- DI: Select the DI device in use. 0 means the first DI device and so on.
- Action Group: Use the dropdown menu to select the action group for applying.
- Preset Point: If a Pan/Tilt supported IP camera is in use, you might specify a preset point for the IP camera. When an event is triggered, the lens will move to the preset point.
- **Button:** Click on this button for saving the configuration.
- **Button:** Use this button to cancel the configuration you made.
- Button: Use this button to remove the event action on the event action list..



2.3.8 When under the Live View Monitor, you might press the subtrom buttom above the video to enable the ROI function. There will show green grids on the video if there is any motion detected in the defined area.





3

Using CamPro Express 64

3.1. Live View Monitor

The Live View Monitor is the main console that lets the user to monitor video, operate on the Pan/Tilt, move the camera to the preset point...etc. It includes six major parts: Live Video, System Log, System Buttons, System Information, Camera Status, and Pan/Tilt Control Panel.





3.1.1 Live Video

Please use the tool bar above the Live Video for further oprateration.

CH 1 - CH # 1 - [9 F/S]

©#A 🕺 🖓 🖻

CH1-CH#1-[9F/S]: The status of the specified IP camera will show on this area. The status should include channel number, channel name and FPS information. The color box in front of the channel number will specify whether this camera is recording, detecting a motion or just disconnection.

■ S: Use this button to reconnect to the IP camera if the video lost.

Audio switch, that lets the user to switch between receiving the audio, starting to broadcast or turning off the audio function.

ROI On/Off button for turning on or off the green grid shown on the motion detection area.

■ 🖾: Manual Recording button for starting manually recording.

■ ■ Snapshot button for taking picture of the critical moment.

Double Click on the Video: The split of the display layout will switch to single channel and shows the selected channel.

Digital Zoom button, when the split is switched to single channel, user might use the digital zooming function.

Drag and Drop: User can exchange the positions of any two cameras by the "Drag and Drop" function. Click on the desired camera and hold

the left button of the mouse, the \bigcirc icon should appear on the monitor when user moves the mouse. Then drag the icon to the target position and release the left button, the position will be exchanged.





3.1.2 System Log

The instant system event will show on the system event table.

3 E-Map Open 2010/08/03 20:45:47 4 Event Monitor Open 2010/08/03 20:46:11 5 E-Map Mew Open 2010/08/03 20:47:55 6 Bitwidtack Open 2010/08/03 20:47:55	2 S_NVR Main System 1.	í Start	2010/08/03 17:33:33
4 Event Monitor Open 2010/08/03 20:46:11 5 E-Map Mew Open 2010/08/03 20:47:55 6 Blaxback Open 2010/08/03 20:47:55	3 E-Map Mew	Open	2010/08/03 20:45:47
5 E-Map Mew Open 2010/08/03 20:47:55 6 Parchack Open 2010/08/03 20:50:15	4 Event Monitor	Open	2010/08/03 20:46:11
6 Blayback Open 2010/08/03 20:50:15	5 E-Map Mew	Open	2010/08/03 20:47:55
o naybaok open 2010/00/03 20:00:15	6 Playback	Open	2010/08/03 20:50:15

3.1.3 System Buttons



The System Buttons are explained as below:

■ Section 2.2 ■ E-Map button for invoking the E-Map Monitor. About how to use the E-Map Monitor, please refer to the section 3.2 of this manual.



- Event Monitor button for invoking the Event Monitor. About how to user the Event Monitor, please refer to section 3.3 of this manual.
- Playback button for entering the Playback program. About how to use the Playback function, please refer to section 3.4 of this manual.
- Channel Configuration button which is a short cut for entering into the System "Configure → Channel" Setting directly. About how to configure the cameras, please refer to the chap 2 of this manual
- System Configuration button for invoking the System Configuration function. About how to configure the CamPro Express 64, please refer to the chap 4 of this manual.
- Screen Assignment button for invoking the Screen Assign

function. About the using of Screen Assign function, please refer to chap 4 of this manual.

Exit button for exiting the CamPro Express 64.



3.1.4 Camera Status

Split Selection: User could change the display layout via those

buttons in this area. Click on the 🖾 button, the Full Screen Monitor will be invoked.



Tree View: User could check the camera group in a tree like structure. User could also use the "Drag and Drop" function to view any desired camera instantly. Click on the desired camera on the Tree and hold the

left button of the mouse, the $\overline{$ icon should appear when user

moves the mouse. Then drag the icon to the target position and release the left button, the video of the camera will be shown instantly.

Split TREE STATUS SEQ
Split TREE STATUS SEQ Large CH 10 CH # 10 200m_01 Zoom_01 CH 2 CH # 1 CH 3 CH # 3 CH 1 CH # 1 CH 4 CH # 4 CH 3 CH # 3 CH 4 CH # 4 CH 4 CH # 4 CH 6 CH # 6 CH 5 CH 5 CH # 5 CH 7 CH # 7 CH 8 CH # 8 CH 9 CH # 9



Camera Status: Please use this function to check the status of the cameras. The statuses include Connected/Disconnected, Recording and Event Triggered.



■ Seqence View: Using the Sequence View to monitor the cameras in turn. User could set the Display Mode and select the desired cameras.





3.1.5 Pan/Tilt Control Panel

Using this panel to control the P/T function. If there are preset points to be set to the camera, use the PRESET for operating.



3.2. E-Map Monitor

- 3.2.1 Configure the E-Map
 - Click on the System Configuration and select the

E-Map

function.



■ Select the Detail Setting → Group Setting and then click on Group # 0 for setting the top layer of the E-Map. Entering the Name for Group # 0 and then click on the Solution for select the

picture of the map. Press on \bigvee button for saving the configuration.

Note: The picture should be in JPEG format.



Select on the Group # 0 on the left list and click on the for adding layer two groups. Enter the Name of the group and press the button for choosing the picture of the map. Then

click on 💙 button for saving the configuration.

Click on the group configured above and then move the mouse over the picture on the right. The picture should switch to the

map of top layer and the $\overset{\checkmark}{\simeq}$ icon should appear.

Move the 2 to the desired location. Then press V button for saving the configuration.

CamPro Express 64				
Custan	VE-Map Setting			
System	Overview	Locat	ion Setting	Detail Setting
Channel	GROUP # 0 : Large	1	Group Setting	Camera Setting
Intelligent	CAMERA # 10 : CH # 1	-		
Event Handling				
E-Map				Alter and Alter at the second se
User Account				
Recording				
Backup				
Save			ID	0
Log View			Name La	arge
Exit			Dependent	iroup # 0 💌 📎
				-
				$\sqrt{2}$

Select the Camera Setting for building the relationship between cameras and group.

Group Setting	Camera Setting



Select the desired camera on the left list. Setting the Dependent (belongs to which group) and the Direction for the selected

camera. Then move the location.

CamPro Express 64				
System	VE-Map Setting	Locati	ion Setting	Detail Setting
Channel	GROUP # 0 :	01	Group Setting	Camera Setting
Intelligent	CAMERA # 1 :	CH # 1	Move the iden to cha	nge the location of
Event Handling	CAMERA # 3 : CAMERA # 4 :	CH # 3 CH # 4		
E-Map	CAMERA # 6 : GROUP # 2 : GROUP	CH # 6 #2		
User Account	CAMERA # 5 : CAMERA # 7 :	CH # 5 CH # 7		
Recording	CAMERA # 8 : CAMERA # 9 : CAMERA # 10 · CH	CH # 8 CH # 9 # 10		-A3684
Backup	Camera a 10 - Chi	. 10	<u>中面在</u>	
Save			Channel	3
Log View			Name CH	#3
Exit			Dependent Gro	oup # 1 💌
			Direction Dov	wn 💌
			L	V (S)

■ Press **V** button for saving the configuration.

3.2.2 Using the E-Map

■ Click on the Solution for invoking the E-Map Monitor.

8	H	\rightarrow	Ð		U U

Double click on the 2 icon for entering the sub-layer map. And the cameras will show on the map. If the Motion Detection function was enabled, the live video of the camera will pop up on the map when some event is triggered.





3.3. Event Viewer

3.3.1 Show Current Event

When user selects the Show Current Event mode, CamPro Express 64 will show the instant video on the up-left monitor and indicate the location on the up-right map.

3.3.2 Event Log Search

When use the Event Log Search mode, user can search the camera event by channel, Event Type and/or Event Time. Please issue the searching condition and then press the Search button. CamPro Express 64 will show the event list on the screen. Please double click on the event on the list for replay the video.



Channel Detail Lower Time Vert Time Vert Time Vert Time Device Location Device Location Contact Telephone Note Play Time 2010/07/81 21:14:04 Previow Show Current Event Event Time Show Current Event Event Time Previow Show Current Event Event Log Search Event Time Total Colspan="2">Colspan="2">Previow Event Time Device Location Total Colspan="2">Control Event Time Device Name Device Total Control Event Time Device Name Device Name Device Location Total Colspan="2">Control Total Colspan="2">Control Control Control	Air Live	C,	AMPRO EXPRESS	64 Air Live	CAMPRO EXPRESS 64
Image: Channel Channel Control Form Previous 1/10 Next Event Type Event Type 2008/1/1 0000/0 2008/1/1 2000/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2008/1/1 2000/1 2000/1 2008/1/1 2000/1		Show Curry	Channel Detail Ch Event Event Device Device Device Lo Co Telep Play ent Event	annel 1 Time 7/26/2010 10.50:17 PM (Type Motion Detect Name CH # 1 sation Zoom_01 ontact Note Note Time 2010/07/31 21:14:04	vent Log Search
Event Time Channel Event Type Device Mannee Device Location 77/8/2010 42:02.0P M 1 Mexual recording C/I # 1 Zoom_01 77/8/2010 42:02.0P M 1 Mexual recording C/I # 1 Zoom_01 77/8/2010 10:50:28 PM 1 Motion Detect C/I # 1 Zoom_01 77/8/2010 10:50:28 PM 1 Motion Detect C/I # 1 Zoom_01 77/8/2010 10:50:39 PM 1 Motion Detect C/I # 1 Zoom_01 77/8/2010 10:51:39 PM 1 Motion Detect C/I # 1 Zoom_01 7/8/2010 10:51:39 PM 1 Motion Detect C/I # 1 Zoom_01 7/8/2010 10:51:39 PM 1 Motion Detect C/I # 1 Zoom_01 7/8/2010 10:51:39 FM 1 Motion Detect C/I # 1 Zoom_01 7/8/2010 10:51:39 FM 1 Motion Detect C/I # 1 Zoom_01 7/8/2010 10:52:69 FM 1 Motion Detect C/I # 1 Zoom_01 7/8/2010 10:52:69 FM 1 Motion Detect C/I # 1 Zoom_01 </td <td>Search Histor</td> <td>y Event 1 20</td> <td></td> <td>nn 🔟 00.00.00 🕂</td> <td>Previous 1/10 Next</td>	Search Histor	y Event 1 20		nn 🔟 00.00.00 🕂	Previous 1/10 Next
Triggorio 4 2002 PM 1 Merual recording C/4/1 Zoom_01 7/262010 1050 29 PM 1 Motion Detect C/11 C/001 7/262010 1050 29 PM 1 Motion Detect C/141 Zoom_01 7/262010 1050 29 PM 1 Motion Detect C/141 Zoom_01 7/262010 1050 29 PM 1 Motion Detect C/141 Zoom_01 7/262010 1051 39 PM 1 Motion Detect C/141 Zoom_01 7/262010 1051 39 PM 1 Motion Detect C/141 Zoom_01 7/262010 1051 39 PM 1 Motion Detect C/141 Zoom_01 7/262010 1051 39 PM 1 Motion Detect C/141 Zoom_01 7/262010 1051 39 PM 1 Motion Detect C/141 Zoom_01 7/262010 1052 69 PM 1 Motion Detect C/141 Zoom_01 7/262010 1052 69 PM 1 Motion Detect C/141 Zoom_01 7/262010 1052 67 PM 1 Motion Detect C/141 Zoom_01 7/262010 1052 77 PM </td <td>Event Time</td> <td>Channel</td> <td>Event Type</td> <td>Device Name</td> <td>Device Location</td>	Event Time	Channel	Event Type	Device Name	Device Location
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TZSC010 105:02 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:02 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:13 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:13 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:13 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:13 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:12 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:12 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:12 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:25 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:25 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:25 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:25 PM 1 Motion Detect Cl # 1 Zoom_01 TZSC010 105:25 PM <td< td=""><td>772672010 10:50:17 PM</td><td>1 📓</td><td>Motion Detect</td><td>CH#1</td><td>200m_U1</td></td<>	772672010 10:50:17 PM	1 📓	Motion Detect	CH#1	200m_U1
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77256010 105155 M 1 Motion Detect Cl // # 1 Zoom_01 77256010 10520 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10520 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10520 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10527 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10527 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10527 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10527 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 10527 FM 1 Motion Detect Cl // # 1 Zoom_01 77256010 105327 FM 1 Motion Detect Cl // # 1 Zoom_01 77856010 105327 FM 1 Motion Detect Cl // # 1 Zoom_01 77856010 105327 FM 1 Motion Detect Cl // # 1 Zoom_01	7/26/2010 10:51:45 PM	1 🔛	Motion Detect	CH#1	Zoom_01
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772650710 105:25 7PM 1 Molion Detect C/H # 1 Zoom_01 77262010 105:24 7PM 1 B Molion Detect CH # 1 Zoom_01 772650710 105:27 7PM 1 B Molion Detect CH # 1 Zoom_01 772650710 105:32 7PM 1 B Molion Detect CH # 1 Zoom_01 772650710 105:32 7PM 1 B Molion Detect CH # 1 Zoom_01	7/26/2010 10:52:27 PM	1 🔐	Motion Detect	CH # 1	Zoom_01
7/25/2010 105:32 7 PM 1 Modion Object C/I # 1 Zoom_01 7/25/2010 105:32 7 PM 1 Modion Object C/I # 1 Zoom_01 7/25/2010 105:32 7 PM 1 Modion Object C/I # 1 Zoom_01 7/25/2010 105:30 7 PM 1 Modion Object C/I # 1 Zoom_01	7/26/2010 10:52:37 PM	1 🔐	Motion Detect	CH#1	Zoom_01
7/25/2010 10:52:57 PM 1 Motion Detect CH # 1 Zoom_01 7/25/2010 10:53:07 PM 1 IM Motion Detect CH # 1 Zoom_01 7/25/2010 10:50:07 PM 1 IM Motion Detect CH # 1 Zoom_01	7/26/2010 10:52:47 PM	1 🔐	Motion Detect	CH # 1	Zoom_01
726520101053077M 1 Molico Detect CH # 1 Zoom_01	7/26/2010 10:52:57 PM	1 🔐	Motion Detect	CH#1	Zoom_01
	7/26/2010 10:53:07 PM	1 🔐	Motion Detect	CH#1	Zoom_01
AZ0/Z010/10/53/17 PM 1 M0100 Detect CH # 1 Z00m_01	7/26/2010 10:53:17 PM	1 🔐	Motion Detect	CH # 1	Zoom_01
7/26/2010 10:53:28 PM 1 📓 Motion Detect CH # 1 Zoom_01	7/26/2010 10:53:28 PM	1 🔐	Motion Detect	CH # 1	Zoom_01
7/28/2010 10:53:38 PM 1 📓 Motion Detect CH # 1 Zoom_01	7/26/2010 10:53:38 PM	1 🔐	Motion Detect	CH#1	Zoom_01
7/28/2010 10:53:57 PM 1 📓 Motion Detect CH # 1 Zoom_01	7/26/2010 10:53:57 PM	1 🔐	Motion Detect	CH#1	Zoom_01
7/26/2010 10:54:07 PM 1 📓 Motion Detect CH # 1 Zoom_01	7/26/2010 10:54:07 PM	1 🔐	Motion Detect	CH#1	Zoom_01
7/26/2010 10:54:18 PM 1 B Motion Detect CH # 1 Zoom_01			Markey Delevel	CH#1	Zoom_01
7/28/2010 10:57:53 PM 1 B Motion Detect CH # 1 Zoom_01	7/26/2010 10:54:18 PM	1 🔛	Motion Detect		
7/26/2010 10:58:03 PM 1 B Motion Detect CH # 1 Zoom_01	7/26/2010 10:54:18 PM 7/26/2010 10:57:53 PM	1	Motion Detect	CH#1	Zoom_01
7/26/2010 10:58:14 PM 1 B Motion Detect CH # 1 Zoom_01	7/26/2010 10:54:18 PM 7/26/2010 10:57:53 PM 7/26/2010 10:58:03 PM	1 📓 1 📓	Motion Detect Motion Detect Motion Detect	CH#1 CH#1	Zoom_01 Zoom_01



3.4. Playback

The Player functions are explained as below:



■ Channel List: Before you start to play the video, you should select which channels need to be played first. You could play up to 4 channels at the same time. Please use this Channel List to select

- Main View: The recorded video will be played here. User might use the M button above to enable/disable the audio play. And use the button to take a picture of the critical moment.
- **Time Searching Bar:** Use this bar to search the video data.
- Player Control Panel: Use this control panel to control the player.
- **Event Image:** The images of triggered event will show here.



- Video Convertor: User can use this function to convert the recorded video into .avi format. The steps are as below:
 - a. Please first use the Time Searching Bar to determine the desired data. Then select one of the playing channels, and click on Start button.
 - b. Use the dropdown list to set the length of time.
 - c. Finally, press the Convert button to start the conversion. You can find the converted file under the path "C:\Program Files\AirLive\CamPro Express 64\AVI\", or just click on the button to open the folder directly.



3.5. Remote Live View

CamPro Express 64 supports a build-in web server. For who need to connect to the video server remotely, he might use this remote view function. Please note, if your video server is behind a router or firewall, you should need to do some extra setting on the network device, like virtual server or port forwarding. Please forward the server port and connection port to the video server. You might change those ports in the System Configure \rightarrow System Setting.

3.5.1 Remote Login:

Open the IE browser and type the IP address or URL in the address bar. The login dialoge will show up, please enter the user name/passward set in the "System Configuration \rightarrow User Account".



Windows Security	у	x
The server 192.	168.0.130 at / requires a username and password.	
Warning: This sent in an insec connection).	server is requesting that your username and password be cure manner (basic authentication without a secure	
	User name Password Remember my credentials	
	OK Cance	1

3.5.2 Install the ActiveX

After logining into the system, the IE will ask to install the ActiveX component. Please select "Install This Add-on for All Users on This Computer".



3.5.3 Remote Live View

The explanations of the operation are as below:





■ Channel List:

You can view up to 4 cameras remotely at the same time. The camera list can show each camera's current status. Each status is represented with different colors and their meanings are explained below:

Camera is connected

Camera is NOT connected

- Camera is current performing recording
- PTZ Control Panel: Use this function to control the P/T function of the camera. And use the Preset function to move the lens of the camera to a preset point.
- Audio Switch: Use the I button to enable/disable the audio function.
- Snapshot Button: Use the button to take a picture of the critical moment.

3.5.4 Remote Sequence View

The explanations of the operation are as below:





- Channel List: Use the Channel List to select the desired cameras for sequence monitoring. You might use the "All Channels" or "All Groups" for select all cameras.
- Interval: Set the Interval time for each camera to dwell on the monitor.
- **Start/Stop Button:** Use to start or stop the sequence monitoring.

3.5.5 Remote Playback

Start by selecting which channel(s) you would like to perform a search on:

	Live			Sequence			back		
	Playback Info.								
Cha Play	Channel: 1 2 3 4 Speed: lay Time:								
1	2	3	4	5	6	7	8		
9	10	11	12	13	14	15	16		
17	18	19	20	21	22	23	24		
25	26	27	28	29	30	31	32		
33	34	35	36	37	38	39	40		
41	42	43	44	45	46	47	48		
49	50	51	52	53	54	55	56		
57	58	59	60	61	62	63	64		

Note: Selected channels will be marked in red.

Select "Search by time chart" from the "Search Method" dropdown list and the Time Chart will be shown on the page.



- Set the search conditions. The is, set the date period for searching.
- Results will then be displayed in a "Date/Channel" table and boxes



marked in gray represent videos found in those dates:

Year: 201	0	Month	n: 02	•	
2010	1	2	3	4	
02/01					
02/02					
02/03					
02/04					
02/05					
02/06					
02/07					
02/08					
02/09					
02/10				201	0/02/0
02/11				_	
02/12					
02/13					
02/14					
02/15					
02/16					
02/17					
02/18					
02/19					
02/20					
02/21					
02/22					
02/23					
02/24					
02/25					
02/27					
02/28					
02/20		Back		Back to To	.
		Daur		Jack to To	P

Click on any gray cell box should direct you to the hour/channel table. Click on the gray cell on the hour/channel should direct you to the minute/channel table, if there were videos recorded during that date. By clicking on the "Back" button, the chart would return to the hour/channel table for you to re-select the time period. By clicking on the "Back to Top" button, the chart would return to the search mode select function for you to re-search the video clip.

Year: 2010	-	Month: 02				
2010/02/24	1	2	3	4		
10:14:00						
10:14:05						
10:14:10						
10:14:15						
10:14:20						
10:14:25						
10:14:30						
10:14:35			_			
10:14:40						
10:14:45						
10:14:50						
10:14:55						
10:15:00						
10:15:05						
10:15:10						
10:15:15						
10:15:20						
10:15:25						
10:15:30						
10:15:35						
10:15:40						
10.15:45						
10.15.55						
10.15.55						
		Back	Bac	k to Tóp		

Note: Videos from other cameras that are recorded on the same date will also be displayed.



Click on the cell box again will start playing back the videos if you have reached the end of search results:

Note: Videos found from other cameras that were recorded at the same time will also be played.

3.5.6 Remote User Setting

Click on the User Account in the up-right coner, the User Information will show up. You might select the Web UI language for the user.

🙋 UserInfo Webpage Dialog 🛛 💌
http://192.168.0.130:8080/UserInfo.html
User Name: admin
Company:
Department:
Telephone:
Mobile:
E-Mail:
Description:
Language: English
Apply Cancel
😜 Internet Protected Mode: On





Configuring CamPro Express 64

4.1. System Configuration

User can configure the Server Name, select the UI language, and assign the TCP ports in this area.

CamPro Express 64		
System	V Server	
	Server Name	IP Camera Server
Channel	Time Zone	GMT 08:00
Intelligent	Version	1.1.1.29106
Event Handling	Language	ENGLISH -
E-Map	*Network	
User Account	IP Address	Local Server
Recording	Connection Port	9999
Backup	Web Server Port	8080
Save		
Log View		
Exit		
		V O

- Server Name: You might change the Server Name, and the name should appear in the Network Place for identification.
- Language: Select the UI language.
- Connection Port: Use this setting for changing the video streaming port.
- Web Serve Port: Use this setting for changing the Web server port. The default port is 80.

Note: If there is other web server running on this computer, for example, IIS, please turn off the web server for the CamPro Express 64 to run properly.



4.2. Channel Configuration

4.2.1 Channel List:

The channels that added to the CamPro Express 64 should list in the table. You might click on the IE icon for access to the configuration page of the select IP camera. Double click on an added camera, the detailed setting of the camera should show up. And double click on an empty item, the Auto Search function will be invoked and run. If you have run the Auto Search function previously, then the searching result will show up for you to further configure the camera.

ro Express 64							
Sustem	¶ ℃ha	annel List					
System		Channel List	Cha	annel Set	ting	PT	FZ Setting
Channel	Item	Name	IP Address	Port	Brand	Model	MAC
	1	🔁 CH # 1	192.168.0.45	80	Airlive	AirCam OD-	00:4F:70:20:0
Intelligent	2	🔁 CH # 2	192.168.0.98	80	Airlive	AirCam OD-	00:4F:70:20:0
	3	🔁 СН # З	192.168.0.109	80	Airlive	AirCam POE	00:4F:70:20:1
Event Handling	4	🔁 CH # 4	192.168.0.12	80	Airlive	WL-350HD	00:4F:76:00:2
	5	🔀 CH # 5	192.168.0.4	80	Airlive	AirCam OD-	00:30:4F:76:2
E-Man	6	🔀 CH # 6	192.168.0.9	80	AirLive	WL-2000CA	00:4F:76:00:2
	_ 7	🔀 CH # 7	192.168.0.13	80	Airlive	POE-100CA	00:1B:FE:00:3
Lleer Account	8	🔀 СН # 8	192.168.0.14	80	Airlive	POE-260CAI	00:4F:76:00:0
USET ACCOUNT	9	🔀 CH # 9	192.168.0.17	80	Airlive	POE-100CA	00:1B:FE:00:7
Deeeudine	10	🔀 CH # 10	192.168.0.99	80	Airlive	AirCam POE	00:4F:70:20:0
Recording	11		-	-	-	-	-
	12		-	-	-	-	-
Васкир	13		-	-	-	-	-
	14		-	-	-	-	-
Save	15		-	-	-	-	-
	16		-	-	-	-	-
Log View	17		-	-	-	-	-
	18		-	-	-	-	-
Exit	19		-	-	-	-	-
	20		-	-	-	-	-
	21		-	-	-	-	-
	22		-	-	-	-	-
	23		-	-	-	-	-
	24		-	-	-	-	-

4.2.2 Channel Setting:

You might further configure the IP camera as the explanation below:



CamPro Express 64		
	🗣 Channel List	
System	Channel List Chan	nel Setting PTZ Setting
Channel	Channel 🗾 👻	Other Settings
Intelligent	Network Setting	Format
Event Handling	CH Name:	
	IP Address 80	Resolution
E-Map	User Name	
User Account	Password	MAX. FPS
Recording	Display	Rate Control
Backup	Device Setting	BitRate
Save	Brand	GOP
Log View	Model	
Exit	Video ID 1 Video Port	Quality
	MAC :	Audio Format
	PT2: C Enable C Disable	5

- **Channel:** Assign a channel number to this IP camera.
- CH Name: Give this IP camera a meaningful name, like Front Door, Lobby and so on.
- User Name: The user account for login to the IP camera.
- **Password:** The password of the user account above.
- Video Port: Change the video streaming port of the IP camera. Please do not change this value unless necessary.
- **Format:** Select the video compression format of this IP camera.
- **Resolution:** Select the video resolution of this IP camera.
- MAX. FPS: Configure the maxima FPS of the IP camera.
- Rate Control: Switch between VBR and CBR for bit rate control method.
- **BitRate:** Configure the maxima bit rate of the video stream.
- **GOP:** Configure the GOP of the video compression format.
- **Quality:** Configure the quality of the video.

Note: Please according to your hardware performance to set those values.



4.2.3 PTZ Setting

Use this function to set the preset point to a P/T enabled camera. The steps should like below:

CamPro Express 64		
	🕈 Channel List	
System	Channel List	Channel Setting PTZ Setting
Channel	Channel CH1	
Intelligent	Preset Points List	
Event Handling	1 Point_01 2 Point 02	Add Confirm Remove Cancel
E-Map	3 Point_03 4 Point_04	Sync From Camera
User Account	5 Point_05	Spe 3 -
Recording		
Backup		
Save		
Log View		
Exit		

- Select the desired channel which assigned to a P/T enabled camera.
- Click on Add button for adding a preset point.
- Use the P/T panel for moving the lens to the desired position.
- Click on Confirm button for saving the configuration.

You might also click on the Sync From Camera button for retrieving the setting written to the camera previously.



4.3. Intelligent Configuration (Motion Detection)

4.3.1 Intelligent Overview:

The list will show the status of the Motion Detection to each camera, whether it is on or off.

CamPro Express 64		
	♥ Intelligent Functions Settings	
System	Intelligent Functions Overview	Intelligent Functions Settings
Channel	CH Motion Detection	
Intelligent	1 2	
Incongent	3	0
Event Handling	4	×
	5	<u>×</u>
E-Map		×
	8	×
User Account	9	×
	10	X
Recording	11	-
	12	-
Васкир	13	-
	14	-
Save	15	-
La sul Maria	16	-
Log view	17	-
E de la constante de la consta	18	-
EXIL	19	-
	20	
	22	-
	23	-
	24	

4.3.2 Intelligent Setting

The function is as explainetion below:



CamPro Express 64		
	VIntelligent Functions Settings	
System	Intelligent Functions Overview	Intelligent Functions Settings
Channel	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Intelligent	25 26 27 28 33 34 35 36 41 42 43 44	29 30 31 32 37 38 39 40 45 46 47 48
Event Handling	19 50 51 52 57 58 59 60	53 54 55 56 61 62 63 64
E-Map	Set Start ROI Motion Detection	
User Account	Detail Setting	
Recording	Sensitivity 80 MD trigger Source	
Backup	C Server	And the second in such
Save		
Log View		
Exit		
		√ O

- Channel Table: Select the desired channel for setting the motion detection area.
- Start: Use this check box to determine whether to turn on the motion detection function.
- **Sensitivity:** Set the sensitivity level of the motion detection.
- Trigger Source: Select the trigger source. If the user sets this value to Server, CamPro Express 64 will detect the motion by itself. On the other hand, if this value set to Camera, the detection task will be taken by the IP camera side. Once the motion is detected, the IP camera will send message to CamPro Express 64 for alerting the software to start recording.
- Live View Window: Just click on the mouse and drag the detection area over the Live View window. The defined area will show in green over the Live View window. You might also right click on the green gird for cancel the very grid you selected.
- **Button:** Clear the motion detection area setting if you needed to redefine the detection area.



Button: Click on this button for saving the configuration.

Button: Use this button to cancel the configuration you made.



4.4. Event Handing

4.4.1 Event Setting Overview:

The overview of the Event Handling function will show in this table.

VEvent Action Setting							
Overview Event Action Action Group Schedule Server Setting							
Narning S	Contact						
X							
	Varning S X						

4.4.2 Cinfigure the Event Action:

Use this function to set the Event Action, the steps are as below:

4.4.2.1 Select the Action Group tab and click on the <table-cell-rows> button for adding the action group. Check what kinds of reaction the CamPro Express 64 should take, FTP, Mail...and so on.



CamPro Express 64							
System	VEvent Action	Setting					
	Overview	Event Acti	on 🛛 🛛	Action Group	Sche	edule 🏼 Ser	ver Setting
Channel	V Event Action	n Group					
Intelligent	ID Recording 1 O	FTP X	Mail X	HTTP X	TCP X	/arning Soun X	Contact X
Event Handling							
E-Map							
User Account							
Recording							
Backup							
Save	Detail Setting						
Log View	ID 1	🗹 Auto Recor	đ				
Exit		E FTP		v	□ ТСР :		_
		□ Mail □ HTTP : □		v	🗆 Warnin	g Warning #1	▼ ▼
							$\sqrt{2}$

- 4.4.2.2 Click on \checkmark button for saving the action group setting.
- 4.4.2.3 Select the Event Action tab and click on 🖶 button for creating the event trigger.
- 4.4.2.4 Please configure the event trigger as explanation below:

CamPro Express 64					
	VEvent Action	Setting	_		
System	Overview	Event Action	Action Group	Schedule	Server Setting
Channel	V Action Over	liow			
Intelligent	CH Event	Action Group I Action Group #1	Trigger IC DO Preset 0 O	Р - Detail Settin СН	ng CH1 -
Event Handling				Event Type	DI Low To High 💌
E-Map				DI	0 •
User Account				Action Gr Preset P	Action Group #1 💌
Recording					1-Point_01 -
Backup					
Save					
Log View					
Exit					-
					V O

CH: Select the desired channel for setting.



- Event Type: Use the dropdown menu to set the event type. The event type includes Digital Input (DI) and Motion Detection.
- DI: Select the DI device in use. 0 means the first DI device and so on.
- Action Group: Use the dropdown menu to select the action group for applying.
- Preset Point: If a Pan/Tilt supported IP camera is in use, you might specify a preset point for the IP camera. When an event is triggered, the lens will move to the preset point.
- **Button:** Click on this button for saving the configuration.

Button: Use this button to cancel the configuration you made.

Button: Use this button to remove the event action on the event action list.

4.4.3 Event Schedule

Use this function to set the Event Schedule.

CamPro Express 64																
	ΥE	vent	Actio	on Set	ting											
System		Overview Event Action Action Group Schedule Server Setting							Setting							
Channel	\mathbf{v}	Y Channel Select														
Intelligent	~	1	✓	2	~	з	~	4		5		6		7		8
	~	9	~	10		11		12		13		14	1	5		16
Event Handling		17		18		19		20	:	21		22	2	3		24
E-Map		25		26		27		28	:	29		30	3	1		32
		33		34		35		36	:	37		38	3	9		40
User Account	41		42			43		44		45		46		7		48
Recording	49		49 50			51		52		53 54		54	55			56
		57		58		59		60		51		62	6	3		64
Backup	\mathbf{v}	Event	Sch	edule												
Save		SUN.	0	12	3 4	450	57	89	10 11	12 1	3 14	15 16	17 18	19	20 2	1 22 23
Log View	1 T	UES.														
Exit	1	NED.														
L]		FRI.														
		SAT.														
													P	K	\mathbf{v}	0

■ Select the cannels that need to set the event schedule.



■ Use drag the desired time period.

■ Click on V button for saving the schedule

4.4.4 Server Setting

4.4.4.1 Mail Server Setting

User can use this setting for configuring the e-mail server. This configuration can be used as the reaction when some event is triggered. CamPro Express 64 will send an alert e-mail via the e-mail server after the software detects some event.

CamPro Express 64	
	YEvent Action Setting
System	Overview Event Action Action Group Schedule Server Setting
Channel	V Server Setting
Intelligent	Mail FTP Server HTTP Server TCP Server Warning So Crimeticience ID Sender Name Sender EMail Mail Server Serv_User Acci, Recipient Recipient EMail
Event Handling	
E-Map	
User Account	
Recording	ID 1 User Account
Backup	Sender Name Password
Save	Sender EMail Recipient
	Mail Server Recipient EMail
Log View	Server Port 25 Subject Event Trigger Mail
Exit	Content Event Trigger Mail Time : [\$EVT_DATE\$] A event \$EVT_NAME\$ is trig

- Click on button for adding the e-mail server.
- **Sender Name:** The sender name that will show on the alert e-mail.
- Mail Server: Specify the address of the mail server. You might use a FQDN or IP address as this value.
- **Server Port:** The TCP port used by the mail server for listening.
- User Account: The account for login to the mail server and sending the alert mail.



- **Password:** The password of the user account above.
- **Recipient:** The name of who should receive the alert e-mail.
- Recipient E-Mail: The address of who should receive the alert e-mail.
- **Subject:** The subject of the alert e-mail.
- **Content:** The content of the alert e-mail.
- **Button:** Click on this button for saving the configuration.

4.4.4.2 FTP Server Setting

User can use this setting for configuring the FTP server. This configuration can be used as the reaction when some event is triggered. CamPro Express 64 will upload an alert message file to the FTP server after the software detects some event.

CamPro Express 64	
	*Event Action Setting
System	Overview Event Action Action Group Schedule Server Setting
Channel	¥ Server Setting
Intelligent	Mail [FTP Server] HTTP Server TCP Server Warning So Enlietgency Contact ID FTP Server Port User Account Upload Path Image: Contact Im
Event Handling	
E-Map	
User Account	
Recording	ID Upload Path /
Backup	FTP Server Passive
Save	Server Port 21 File Name CamPro Express 64_Channel \$
	User Account Attach Picture
Log View	Password
Exit	Content Time : [\$EVT_DATE\$] - A event \$EVT_NAME\$ is triggered @ channel \$EV1
	✓

■ Click on the



button for adding the FTP server.

- **FTP Server:** Specify the address of the FTP server.
- **Server Port:** The TCP port used by the FTP server for listening.
- User Account: The account for login to the FTP server.



- **Password:** The password of the user account above.
- **Upload Path:** The path that the message will be stored.
- Passive: If the FTP server use the passive mode, please check this check box.
- **File Name:** The file name of the uploaded message.
- Attach Picture: Use this function to determine whether upload an picture when motion is detected.
- **Content:** The content of the message.
- **Button:** Click on this button for saving the configuration.

4.4.4.3 HTTP Server Setting

Use this function to set HTTP severs for receiving the http packet as the reaction of the events. This is now a reserved function.

4.4.4.4 TCP Server Setting

Use this function to set TCP severs for receiving the TCP packet as the reaction of the events. This is now a reserved function.

4.4.4.5 Warning Sound Setting

Select a .wav file, and when some event happens, CamPro Express 64 will play this file as the alert sound.



CamPro Express 64	
Custom	VEvent Action Setting
System	Overview Event Action Action Group Schedule Server Setting
Channel	V Server Setting
Intelligent	Mail FTP Server HTTP Server TCP Server Warning So Context ID Description File Path File Path File Path File Path
Event Handling	1 Error C:\Windows\winsxs\x86_microsoft-windows-ssoundthemes
E-Map	
User Account	
Recording	ID
Backup	Description
Save	File Path 🏄
Log View	
Exit	

Click on the _____ button for adding a warning sound file.

- **Description:** Description of the configuration.
- File Path: Use this function to select the .wav file saved in the hard driver.
- **Button:** Use this button to test the sound setting.

Button: Click on this button for saving the configuration.

4.4.4.6 Emergency Contactor

Use this function to set the emergency contactor. This is now a reserved function.



CamPro Express 64	
System	VEvent Action Setting
Channel	Overview Event Action Action Group Schedule Server Setting V Server Setting
Intelligent	Mail FTP Server HTTP Server TCP Server Warning So Linergency Contact ID Contact Information Phone No. Note
Event Handling	
E-Map	
User Account	
Recording	
Backup	Phone No.
Save	Note
Log view	
EXIL	



4.5. User Account Configuration

System administrator can use this function to add, delete, and assign privilege to a user.

4.5.1 User Setting:

CamPro Express 64							
	ΨU	ser Setting					
System			User Setting			User Group Set	ting
Channel	ID	Name	Company	Phone No.	Primary EMail	Second EMail	User Group
	1	Admin	-	-	-	-	1 - [Admin Grc
Intelligent	2	user_01	-	-	-	-	2 - [Guest Grc
Event Use allin a	3	user_02	-	-	-	-	3 - [User Grou
Event Handling	4	user_03	-	-	-	-	3 - [User Grou
E-Map							
User Account							
Recording							
Backup	•	1					Þ
Save		-					
Log View		ID			Phone No.		
		Name*			Primary E		
Exit		Password*			Second E		
		Confirm*			User Group		
		Company					
	4)					VO

- Click on the 🖶 button for adding a new user.
- **Name:** The user name of the account.
- **Password:** Set the password of the user account.
- **Confirm:** Re-type the password for double check.
- User Group: Use the drop down list to select the user group for the account.
- **Button:** Click on this button for saving the configuration.

Button: Use this button to cancel the configuration you made.



4.5.2 User Group Setting:

CamPro Express 64	
	Y User Setting
System	User Setting User Group Setting
Channel	ID Name ID 4
Intelligent	1 Admin Group 2 Guest Group Name User Group #2
Event Handling	3 User Group #1 Live CH List 4 User Group #2 1 2 4 5 6 7 9 0 10 11 12 14 15 16
E-Man	5 User Group #3 17 18 19 20 21 22 32 44 56 77 89 910 11 12 13 14 13
	7 User Group #5 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
Recording	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
Backup	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 23 24 25 26 27 28 29 30 31 32
Save	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
Log View	Playback CH List
Exit	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 33
	33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
	♀ ─

- Press + button for adding new user group. Or just click on the group on the group list for modify.
- Name: Set the name of the group.
- Live CH List: Assign the live view privilege to the group by channel. If the grid of the channel is in blue, that means the group was assigned the privilege for viewing the channel.
- PTZ Control CH List: Assign the PTZ control privilege to the group by channel.
- Playback CH List: Assign the playback privilege to the group by channel.
- **Button:** Click on this button for saving the configuration.
- **Button:** Use this button to cancel the configuration you made.



4.6. Recording Setting

4.6.1 Click on the 🖶 button on the Overview tab for adding the folder to save the recording file.

mPro Express 64 DEMO													
	V R	ecordine	Setting										
System		Ov	erview	<u> </u>	Rec	ording S	etting			Schedule			
Channel	Сн	Contin	Schedule	Event	SUN.	MON.	TUES.	WED.	THU.	FRI.	SAT.		
		X	X	0	X	X	X	X	X	X	X		
Intelligent	3	Ŷ	x	0	x	x	x	x	x	x	x		
Example 1 and the se	4	X	Х	0	х	Х	х	х	х	х	Х		
Event Handling	5	X	X	0	X	X	X	X	X	X	X	-	
E-Man		x	x	0	-	-	-	-	-	-	-		
c mup	8	X	х	0	-	-	-	-	-	-	-		
User Account	9	X	X	0	-	-	-	-	-	-	-	-	
		x	x	ŏ	-	-	-	-	-	-			
Recording	12	X	х	0	-	-	-	-	-	-	-		
D 1	13	X	X	0	-	-	-	-	-	-	-	-	
васкир	Rec	cording Ge	eneral Settin	iq									
Save		Charmen	Dath				🔞 Sele	ct File Pa	ıth				
		Storage	e raui				🖃 с: [w7-x32]				
Log View		Free Sp	ace	Total Spa	ce		GC:\						
	í						Pro	ogram F	iles				
Exit							Ai	rLive	_				
								amPro I	Express	64			
							1 🖬	Map Pi	c				
	l C	<u>م</u>	-				1 🖬	eventss					
		Ŋ-					j 📄 1	mages					
							1 📃	ang					
							1 =:	og AAD					
							1 🚟	RES					
							1 🖬	Veb					
											C	onfirm	

4.6.2 Select the Recording Setting tab, and configure the values as explaining below:



amPro Express 64 DEMO									
Г	V R	ecording	Setting						
System		Ove	erview			Recording Se	etting		Schedule
Channel	СН	Continu	Schedule	Event		Channel		# 1]	-
	1	0	0	0		Name I			
Intelligent	2	X	Х	0		Name C	.H # 1		
	3	Х	Х	0		Format h	1264		
Event Handling	4	Х	Х	0		L			
	5	Х	Х	0			D		
Е-Мар	6	X	X	0		Gant	Ke	Containg Mode	E Fuent
	7	X	X	0	_	I♥ Cont		Schedule	Iv ⊑vent
User Account	8	X	X	0	-			FPS	
	9	X	X	0	-	Full	-	Full 🔻	Full 🔻
Recording	10	×	×	0	-				_
	1 12	Ŷ	×	0	-			I/P Frame	
Backup	13	x	X	0	-	I+P	-	I+P 💌	I+P 💌
	14	X	x	0					
Save	15	x	x	õ					Pre-Alarm Time
	1 16	X	x	õ					0
Log View	17	x	X	0					Post-Alarm Time
	18	x	x	0					30
Exit	19	х	x	0					
	20	х	х	0	-				0/ 60

- Channel: Select the desired channel for configuring. Or just click on the channel on the list left to the configuration area for selecting the desired channel.
- Recording Mode: Please check if you would like the CamPro Express 64 to recording continuously or by schedule.
- I/P Frame: Choose if you would like the CamPro Express 64 to record only I frame or both I and P frame. If the HDD space is a concern, please select I frame only.
- **Pre-Alarm Time:** Set the Pre-Alarm recording time before an event.

Post-Alarm Time: Set the Pre-Alarm recording time after an event.

- 4.6.3 Click on \checkmark button for saving the configuration.
- 4.6.4 Select other channels for further setting if necessary.
- 4.6.5 Switch to Schedule Setting, if you needed to configure the schedule recording.



CamPro Express 64									
	₩ Reco	rding Se	etting						
System		Overvi	ew	Υ	Recording Se	tting	Schedule		
Channel	CH 1	SUN.	MON.	TUES	. WED.	THU.	FRI.	SAT.	-
Intelligent	2								
Event Handling	4								
E-Map	6 7								
User Account	9								•
Recording	V Sche	edule							
Backup	CH 3 SUN.	0 1	2 3 4	567	8 9 10 11	12 13 14 15	5 16 17 18 1	9 20 21 22	23
Save	MON. TUES.								
Log View	WED. THU.								
Exit	FRI. SAT.								Ô
								\checkmark	0

- 4.6.6 Double click on the channel number on the left of the channel table.
- 4.6.7 The desired channel number should appear on the up-left of the schedule table.
- 4.6.8 Drag the time period on the schedule table and then save the configuration.
- 4.6.9 Select another channel for setting if you need.



Backup 4.7.

Use this function to backup you media database, convert the video clip to .avi format.

Media Database Backup: 4.7.1

CamPro Express 64										
System	V Backup									
System	Media D	atabase		AVI E	xport	Ý	Configuration			
Channel	🗣 Media Dat	y Media Database								
Intelligent	Channel L	ist								
Event Handling		2 10	3	4 12	5 13 21	6 14	7 15 23	8 16 24		
E-Map	25	26	27	28	29	30	31	32		
User Account	41 49	42	43	44	45	46	47	48		
Recording	57 C:\Program	58 n Files\AirL	59 ive\CamPro	60 Express 64	61	62	63	64		
Backup Save Log View Exit	C: [W7 C:] Progra AirLiv Dat. Dat. EMa EMa EMa EMa	'-x32] e Pro Expres abase ap_Pic ntss ge ges	Begin C Enc C Exp Export	Time : Time : ort length Progress	3 / 3 /2010 3 / 3 /2010 (Minute) 	 ▼ 7 : 53: 5: ▼ 8 : 53: 5: 	2 PM •			

- Select the channels you would like to backup.
- Select the file path you'd like to save the backup file.
- Set the time period of the target video.



Click on the button to start the backup process.

4.7.2 AVI Convert



CamPro Express 64				
	* Backup			
System	Media Database	AVI Export	Configura	tion
Channel	V AVI Export			
Intelligent	Channel List			
Event Handling		3 4 5 11 12 13 19 20 21	6 7 14 15	8 16 24
E-Map	25 26 33 34	19 20 21 27 28 29 35 36 37	30 31 38 39	32 40
User Account	41 42 49 50	43 44 45 51 52 53	46 47 54 55	48 56
Recording	57 58	59 60 61	62 63	64
Backup	Begin Time:	′3/2010 ▼ 7:53:52 PM ÷		
Save	C End Time : 8,	'3/2010 👻 8:53:52 PM 🛓		
Log View Exit	 Export length (Mir 1 	nute)		
	AVI File Max Size	640		
	Export Progress	0%		

- Select the channels you would like to backup.
- Set the time period of the target video.
- **C**lick on the backup process.
- The converted video file will be saved in the "C:\Program Files\AirLive\CamPro Express 64\AVI\".
- 4.7.3 Configuration Backup and Restore

User can use this function to backup/restore the system configuration.



CamPro Express 64			
	* Backup		
System	Media Database	AVI Export	Configuration
Channel	¥ Backup		
Intelligent	C:\Program Files\AirLive\CamPro	Express 64\DataBase	
Event Handling	□ c: [w7-x32]		
E-Map	AirLive		
User Account	DataBase		
Recording			
Backup	₩ Restore		
Save	C:\	1	Backup Time
Log View	CamPro Express 64		
Exit	TotaBase	1	



4.8. Log View

User ser can use this function to check the system log for checking any possible issue.

		System Log						
System	ID	Time	Type	Sub-type	Сн	ΔP	IP	User
	1	2010/08/03 21:32:16	Channel	Channel Reconnect	4			
Channel	2	2010/08/03 21:32:16	Channel	Channel Reconnect	5			
	3	2010/08/03 21:31:36	Channel	Channel Reconnect	9			
Intelligent	4	2010/08/03 21:31:36	Channel	Channel Reconnect	8			
	5	2010/08/03 21:31:35	Channel	Channel Reconnect	7			
Event Handling	6	2010/08/03 21:31:35	Channel	Channel Reconnect	6			
	7	2010/08/03 21:30:45	Channel	Channel Reconnect	5			
E-Map	8	2010/08/03 21:30:45	Channel	Channel Reconnect	4			
	9	2010/08/03 21:30:15	Channel	Channel Reconnect	9			
User Account	10	2010/08/03 21:30:15	Channel	Channel Reconnect	8			
	11	2010/08/03 21:30:14	Channel	Channel Reconnect	7			
Recording	12	2010/08/03 21:30:14	Channel	Channel Reconnect	6			
	13	2010/08/03 21:29:14	Channel	Channel Reconnect	5			
Backup	14	2010/08/03 21:29:14	Channel	Channel Reconnect	4			
· ·	15	2010/08/03 21:28:54	Channel	Channel Reconnect	8			
Save	16	2010/08/03 21:28:54	Channel	Channel Reconnect	9			
	17	2010/08/03 21:28:53	Channel	Channel Reconnect	7			
Log View	18	2010/08/03 21:28:53	Channel	Channel Reconnect	6			
Log new	19	2010/08/03 21:27:43	Channel	Channel Reconnect	5			
Evit	20	2010/08/03 21:27:43	Channel	Channel Reconnect	4			
LAIL	21	2010/08/03 21:27:33	Channel	Channel Reconnect	9			
	22	2010/08/03 21:27:33	Channel	Channel Reconnect	8			
	22	2010/00/02 21-27-22	Channel	Channel Reconnect	7			
	Di	splay	Expor	Chappel Reconnect	7			



4.9. Screen Assign

The Screen Assign function helps you to arrange the utilization of your monitor. CamPro Express 64 support up to 4 monitors. User could take one monitor for Live View, second for the E-Map and so on.



- Major Function List: The major function like Live View, EMap, Event View...will list here. If you need to assign a major function to a specified monitor, just drag the item and drop it to the target monitor.
- Monitor Status: The utilization of the monitors will show here. An undetected monitor will show in grey.



5

Appendix

Camera Support List

Brand	Model	Compression	Firmware
	WL-2000CAM	MJPEG/MPEG4	LM.1.6.16.05
	POE-100CAM	MJPEG/MPEG4	LM.1.6.16.05
	POE-200CAM	MJPEG/MPEG4	LM.1.6.16.05
	OD-300CAM	MJPEG/MPEG4	LM.1.6.16.05
	POE-100CAMv2	MJPEG/MPEG4	LM.1.6.16.05
	POE-200CAMv2	MJPEG/MPEG4	LM.1.6.16.05
Ovielink	WL-2600CAM	MJPEG/MPEG4	LM.1.6.16.05
OVISIIIK	POE-260CAM	MJPEG/MPEG4	LM.1.6.16.05
	WL-350HD	MJPEG/MPEG4/H.264	MG.1.6.02
	POE-200HD	MJPEG/MPEG4/H.264	5.0.2.3844/5.0.2.4141
	OD-600HD	MJPEG/MPEG4/H.264	5.0.2.3844/5.0.2.4141
	POE-250HD	MJPEG/MPEG4/H.264	5.0.2.3844/5.0.2.4141
	OD-325HD	MJPEG/MPEG4/H.264	5.0.2.3844/5.0.2.4141
	POE-100HD	MJPEG/MPEG4/H.264	5.0.2.3844/5.0.2.4141
	All dual-stream and		
Axis	H.264 capable	MJPEG/MPEG4/H.264	v4.30 or above
	cameras		
Panasonic	BL-C1	MJPEG	(firmware 1.29 or later)
	BL-C10	MJPEG	(firmware 1.24 or later)
	BL-C20	MJPEG	(firmware 1.30 or later)
	BL-C30	MJPEG	(firmware 1.30 or later)
	BL-C111	MJPEG/MPEG4	(firmware 3.10 or later)
	BL-C131	MJPEG/MPEG4	(firmware 3.10 or later)
	BB-HCS301	MJPEG	(firmware 1.30 or later)
	BB-HCM100	MJPEG	(firmware 1.30 or later)
	BB-HCM110	MJPEG	(firmware 1.30R01 or later)



	BB-HCM311	MJPEG	(firmware 1.30 or later)
	BB-HCM331	MJPEG	(firmware 1.30 or later)
	BB-HCM371	MJPEG	(firmware 1.30 or later)
	BB-HCM-381	MJPEG	(firmware 1.30 or later)
	KX-HCM110	MJPEG	(firmware 1.30 or later)
	KX-HCM280A	MJPEG	(firmware 1.30 or later)
	BB-HCM403	MJPEG	(firmware 1.33 or later)
	BB-HCE481	MJPEG	(firmware 1.29)
	BB-HCM511	MJPEG/MPEG4	(firmware 3.12 or later)
	BB-HCM527	MJPEG/MPEG4	(firmware 3.51R00 or later)
	BB-HCM531	MJPEG/MPEG4	(firmware 3.12 or later)
	BB-HCM547	MJPEG/MPEG4	(firmware 3.51R00 or later)
	BB-HCM515	MJPEG/MPEG4	(firmware 3.11 or later)
	BB-HCM580	MJPEG/MPEG4	(firmware 3.13 or later)
	BB-HCM581	MJPEG/MPEG4	(firmware 3.13 or later)
	BB-HCM715	MJPEG/MPEG4/H.264	(firmware 4.10R00 or later)
	BB-HCM715	MJPEG/MPEG4/H.264	(firmware 4.10R00 or later)
	WV-NP1004	MJPEG	v1.21
	WV-NP244	MJPEG/MPEG4	
	WV-NS202	MJPEG	v1.30
	WV-NF284	MJPEG/MPEG4	v1.11
	WJ-NT304	MJPEG	v1.10
Panasonic	WV-NW484S	MJPEG/MPEG4	v1.03
(Business)	WV-NS202A	MJPEG/MPEG4	v1.10
	WV-NS954	MJPEG/MPEG4	v2.20
	WV-NW964	MJPEG/MPEG4	v1.10
	WJ-NT314	MJPEG	N/A
	WV-NF302	MJPEG/MPEG4	v1.10
	WV-NP304	MJPEG/MPEG4	v1.10
Sony	SNC-CS10	MJPEG/MPEG4	v1.06
	SNC-CS11	MJPEG/MPEG4	v1.06



SNC-CS20	MJPEG/MPEG4	v1.02
SNC-CS50	MJPEG/MPEG4/H.264	v2.23
SNC-DF40	MJPEG/MPEG4	v1.18
SNC-DF50	MJPEG/MPEG4/H.264	v1.14
SNC-DF70	MJPEG/MPEG4	v1.18
SNC-DF80	MJPEG/MPEG4/H.264	v1.14
SNC-DS10	MJPEG/MPEG4	v1.02
SNC-DS60	MJPEG/MPEG4	v1.02
SNC-P1	MJPEG/MPEG4	v1.29
SNC-P5	MJPEG/MPEG4	v1.29
SNC-RZ25	MJPEG/MPEG4	v1.30
SNC-RZ50	MJPEG/MPEG4/H.264	v1.13
SNC-RX530	MJPEG/MPEG4/H.264	v3.02/v2.32
SNC-RX550	MJPEG/MPEG4/H.264	v3.02/v2.32
SNC-RX570	MJPEG/MPEG4/H.264	v3.02/v2.23
SNC-CM120	MJPEG/MPEG4	v1.03
SNC-CS20	MJPEG/MPEG4	v1.03
SNC-DM110	MJPEG/MPEG4	v1.03
SNC-DM160	MJPEG/MPEG4	v1.03
SNC-DS10	MJPEG/MPEG4	v1.03
SNC-DS60	MJPEG/MPEG4	v1.03
SNC-RH124	MJPEG/MPEG4/H264	1.04.00
SNC-RH164	MJPEG/MPEG4/H264	1.04.00
SNC-RS46	MJPEG/MPEG4/H264	1.04.00
SNC-RS44	MJPEG/MPEG4/H264	1.04.00
SNC-RS86	MJPEG/MPEG4/H264	1.04.00
SNC-RS84	MJPEG/MPEG4/H264	1.04.00
SNT-EX101	MJPEG/MPEG4/H264	1.04.00
SNT-EX104	MJPEG/MPEG4/H264	1.04.00
SNT-EX154	MJPEG/MPEG4/H264	1.04.00
SNT-EP104	MJPEG/MPEG4/H264	1.04.00
SNT-EP154	MJPEG/MPEG4/H264	1.04.00
SNC-CH140	MJPEG/MPEG4/H264	1.10.03
SNC-CH180	MJPEG/MPEG4/H264	1.10.03
 SNC-DH140	MJPEG/MPEG4/H264	1.10.03



SNC-DH140T	MJPEG/MPEG4/H264	1.10.03
SNC-DH240	MJPEG/MPEG4/H264	1.10.03
SNC-DH240T	MJPEG/MPEG4/H264	1.10.03
SNC-DF85	MJPEG/MPEG4/H264	1.2