5.6.2.1 LIVE-OUT

General D	ate and Time	Output Configuration		
Video Ou	itput	LIVE-OUT	~	
Seq Mod	е	Layout1	~	
SEQ Dwe	ell Time	5		
VGA/HDN	/I Resolution	1280x1024	~	
Scale And	d Offset	Setup		
Cursor Hi	idden Delay	5s	~	
Cursor A	cceleration		•	5
Transpar	ency	•		0

Choose LIVE-OUT from the Video Output drop-down menu.

SEQ Mode: Select how many video channels you would like to display when your WIRELESS NVR is in sequence mode.

SEQ Dwell Time: Enter in seconds the maximum length of time you would like to display a video channel in sequence mode before displaying the next video channel (300 seconds is the maximum).

Output Resolution: Select a display resolution that is suitable for your TV. 1920 x 1080 will suit most TVs. If your WIRELESS NVR supports 4K output resolution, you can select either 2K (2560 x 1440) or 4K (3840 x 2160) to take advantage of the higher resolution that your 4K TV provides. **Scale and Offset**: The WIRELESS NVR supports to adjust the size & position of the display screen to match your monitor or TV. Click **Setup** button to adjust.



Scale: To adjust the size of the displayed screen by scale.

X Offset: To move the displayed screen to left or right.

Y Offset: To move the displayed screen to up or down.

Click once or hold the left button of your mouse on the arrow to adjust the size and position, or you can scroll the wheel of the mouse to adjust. Click the right button of your mouse to exit, and click **Apply** to save your modifications.

Cursor Hidden Delay: Click the drop-down menu to select the time your WIRELESS NVR will hide the mouse cursor when idle. You can also disable this by selecting "OFF" (password protection will be temporarily disabled).

Cursor Acceleration: To adjust the speed to move the mouse cursor.

Transparency: Click and hold the slider left or right to change how transparent the Menu Bar and Main Menu will appear on-screen. Adjust accordingly.

5.6.3 Multi-user

This menu allows you to configure the user name, password and user permission.

Setup Channel	Record Alarm	Network Device	System					×
In the second	Multi-User							
		User Name		User Enable	Password Enable	User Edit	Permission	
Maintenance		admin	ADMIN	Enable	Enable	Ð		
IP Camera Maintain		user1	USER1	Enable	Enable			
		user2	USER2	Disable	Disable		۲	
♦ Information		user3	USER3	Disable	Disable			
		user4	USER4	Disable	Disable		٢	
		user5	USER5	Disable	Disable			
		user6	USER6	Disable	Disable		۲	
	Default User ad	lmin 🗸						

The system supports the following account types:

- ADMIN System Administrator: The administrator has full control of the system, and can change both administrator and user passwords and enable/disable password protection.
- USER Normal User: Users only have access to live viewing, search, playback, and other functions. You may set up multiple user accounts with varying levels of access to the system.

5.6.3.1 Changing Password

To change the password for the administrator or user accounts, click the User Edit icon password has to be a minimum of 8 characters and can contain a mixture of numbers and letters. Enter your new password again to confirm, and then click **Save** to save your new password. You will be required to input your old password to authenticate.

	l	User Edit		×
Level	USER1			
User Enable	Enable	`	/	
User Name	user1			
Password Enable	Enable	`	/	
Password	•••••		Show P	assword
Confirm	•••••		Show P	assword
		Default	Save	Cancel

	Authenticatio	on	×
admin			
		Show Password	I
	,		
		Authenticate	Cancel
	admin		Show Password

Password Enable: It's strongly recommended to enable the password to protect your privacy. If you want to disable the password protection, please ensure your WIRELESS NVR is placed in a secure place.

5.6.3.2 Add New Users

Multi-User							
No.	User Name	Level	User Enable	Password Enable	User Edit	Permission	
1	admin	ADMIN	Enable	Enable			
2	user1	USER1	Enable	Enable		٢	
3	user2	USER2	Disable	Disable		٢	
4	user3	USER3	Disable	Disable		٢	
5	user4	USER4	Disable	Disable	-	0	
6	user5	USER5	Disable	Disable	5	٢	
7	user6	USER6	Disable	Disable	E I	0	
Default User ad	min	~					

1. Select one of the user accounts that is currently disabled, click the User Edit icon \mathbf{b} .

	Us	er Edit		×
Level	USER1			
User Enable	Enable	~		
User Name	user1			
Password Enable	Enable	~		
Password	•••••		Show Pa	assword
Confirm	•••••		Show Pa	assword
		Default	Save	Cancel

- 2. Select **Enable** from the drop-down next to **User Enable**.
- 3. Click the field next to User Name to change the user name for the account.
- 4. Select Enable from the drop-down next to Password Enable.
- 5. Click the field next to **Password** to enter the desired password.
- 6. Click the field next to **Confirm** to reenter the password.
- 7. Click Save. You will be required to input your Admin password to authenticate.

5.6.3.3 Setting User Permissions

Multi-User						
No.	User Name	Level	User Enable	Password Enable	User Edit	Permission
1	admin	ADMIN	Enable	Enable		
2	user1	USER1	Enable	Enable		0
3	user2	USER2	Disable	Disable		۲
4	user3	USER3	Disable	Disable		٢
5	user4	USER4	Disable	Disable		۲
6	user5	USER5	Disable	Disable	E.	٢
7	user6	USER6	Disable	Disable		٩
Default User	admin	~				

The administrator account is the only account that has full control of all system functions. You can enable or disable access to certain menus and functions of each user account.

1. Click the edit icon 🙆 under Permission tab.

		User Permi	ission)	X
User Name	user1					
<mark>∨</mark> Log Search	<mark> P</mark> arameter		Auto Reboot	<mark> </mark> Mar	ual Record	
🗹 Disk	<mark> R</mark> emote Logir	י 🔽	SEQ Control	<mark> </mark> Mar	ual Capture	
<mark> Backup</mark>						
✓ 1 2 3 4						
🔽 Live						
1234						
Vayback 🔽						
✓ 1 2 3 4						
	_	A11				
		All	Clear	Save	Cancel	

- 2. Check the boxes next to any system menus or capabilities you would like the user to access. Click All to check all boxes. Click Clear to check none of the boxes.
- 3. Click **Save** to save your modifications.

5.6.4 Maintenance

In this section, you will be able to search & view the system log, load default settings, upgrade the system, export & import system parameters and manager system auto reboot.

Setup Channel	Record A	larm Network Device Sy	stem					>
🕀 General	Log Lo	ad Default Upgrade Parameter	Management Auto Reboot					
♦ Multi-User	Start Date	10/23/2017	🗮 Start	Time 00:00:00				
🗢 Maintenance	End Date	10/23/2017	End 1	Time 23:59:59				
🕀 IP Camera Maintain	Log Type	All			Search			
Information	Channel		TIME			Playback		
							Backup	

5.6.4.1 Log

The system log shows you important system events, such as motion alarms and system warnings. You can easily create a backup file of the system log for a set time period to a USB flash drive.

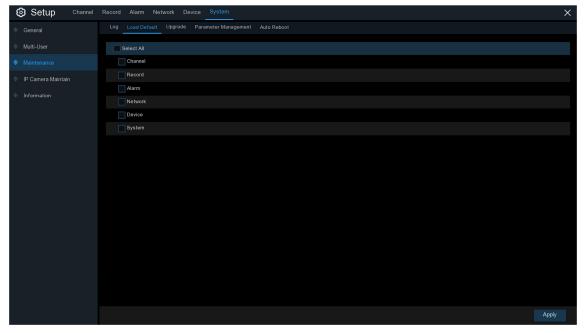
Setup Channel	Record Alarm	Network Device	System				×
Ø General	Log Load D	əfault Upgrade Parame	eter Management Auto Reboot				
Multi-User Magential Magenti	Start Date 08/1		🛗 Start Time	00:00:00			
Maintenance	End Date 08/1	1/2018	🛗 End Time	23:59:59			
IP Camera Maintain	Log Type All				Search		
	Channel		TIME			Playback	
	CH3	Alarm	08/11/2018 00:15:04	Motion Start	Yes		
		Alarm	08/11/2018 00:15:05	Motion Start			
	CH2	Alarm	08/11/2018 00:15:06	Motion Start	Yes		
		Alarm	08/11/2018 00:15:35	Motion End	Yes		
	CH1	Alarm	08/11/2018 00:15:36	Motion End	Yes		
		Alarm	08/11/2018 00:15:37	Motion End	Yes		
	CH3	Alarm	08/11/2018 00:16:26	Motion Start	Yes		
		Alarm	08/11/2018 00:16:27	Motion Start	Yes		
	CH3	Alarm	08/11/2018 00:16:57	Motion End	Yes		
		Alarm	08/11/2018 00:16:58	Motion End			
	CH3	Alarm	08/11/2018 00:30:18	Motion Start	Yes		
	CH2	Alarm	08/11/2018 00:30:19	Motion Start	Yes		
	CH3	Alarm	08/11/2018 00:30:49	Motion End	Yes		
		Alarm	08/11/2018 00:30:50	Motion End	Yes		
			08/11/2018 00-31-75	Mation Start			I< < 1/36 > >I
							Backup

Log Searching and Backing Up:

- 1. Click the field next to **Start Date & Start Time** to choose the starting date & time for your search from the on-screen calendar.
- 2. Click the field next to End Date & End Time to choose the end date & time for your search from the on-screen calendar.
- 3. Select the type of events you would like to search for from the dropdown next to Log Type, or select All to see the entire system log for the selected time period.
- 4. Click Search.
- 5. Browse system log events from your search period:
- Video events can be played back instantly by clicking in the **Playback** column. Right-click to return to your search results.
- Use the K < / > > I buttons in the bottom-right corner of the menu to move between pages of system log events.
- 6. Click **Backup** to create a backup of the system log for your search period. Please make sure your flash derive has been connected to the WIRELESS NVR's USB port.
- 7. The backup drive menu appears. Navigate to the folder you want the backup file to be saved in, then click **OK** to begin.

5.6.4.2 Load Default

Reset the WIRELESS NVR settings to its out-of-box state. You can choose to reset all settings at once, or just settings on specific menus. Restoring default settings will not delete recordings and snapshots saved to the hard drive.



Check the items you want restore, or check **Select All** to choose all items. Click **Apply** to load default settings of your chosen items.

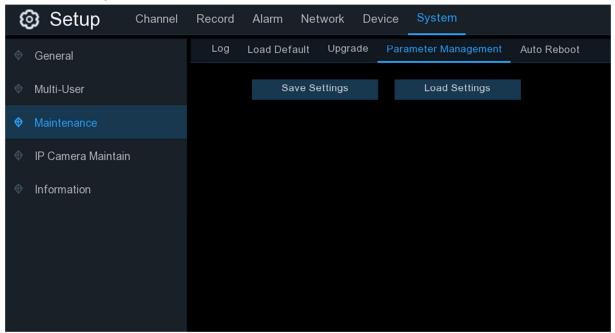
5.6.4.3 Upgrade

<pre> General General Multi-claer Muntemance P Camera Maintain Information Informa</pre>	Setup Channel	Record Alarm Network	Device System	
Maintenance IP Camera Maintain Information Information System Volume Information 2017-01-13 17:14:14 System Volume Information 2017-03-31 01:31:20 Information Information Control Information Informatio		Log Load Default Upgra	de Parameter Management Auto Reboot	
IP Camera Maintain Information Image: Comparison of the Camera Maintain Image: Comparison of the Camera Maintain <t< td=""><td>Multi-User</td><td>Select File</td><td></td><td>↓ Upgrade</td></t<>	Multi-User	Select File		↓ Upgrade
Information Last Modify Image: System Volume Information 2017-01-13 17.14.14 Image: Volume Information 2017-02-23 10.13.120 Image: Total: The park Remain/Total: Location /hidevlusb1-1 14.1396/0114.4040 Selected File:			Update	×
Remain/Total: Location: //idev/usb1-1 Selected File:	🖗 IP Camera Maintain	Driver List: 🤤		 ← m interaction
Remain/Total: Location: /hidevlusb1-1 1.4.396Dir14.404 Selectod File:		<u> 1</u> USB1-1		
Remain/Total: Location. /hidev/usb1-1 Selectod File: Selectod File:				
Remain/Total: Location. /hideviusb1-1 Selected File:				2017-01-13 17:14:14
Reman/Total: 14.1396B/14.40408 Selected File:				2017-03-31 01:31:20
Remain/Total: 14.139GB/14.404CB Selected File:			fbgrab	
14.139GB/14.404GB Selected File:		Service (Total	Location /hidev/usb1-1	
Format Refresh finished I OK Cancel			Selected File:	
			Refresh finished !	OK Cancel

- 1. Copy the firmware file (.sw file) to your USB drive, and insert the USB flash drive into the WIRELESS NVR's USB port.
- 2. Click Select File button to choose the firmware file in your USB flash drive, then Click OK.
- Click Upgrade button to start system upgrade. The system upgrade will last around 5-10 minutes, please do NOT power off the WIRELESS NVR or remove the USB from WIRELESS NVR during firmware upgrade.

5.6.4.4 Parameter Management

You can export the main menu settings you have configured to a USB flash drive, or import an exported setting file from USB flash drive to the WIRELESS NVR.



Save Settings: Click to save the WIRELESS NVR current system settings to the USB device. You will be required to input the Admin password to authenticate.

Load Settings: Once you have created a system settings export, you can import the settings on another NVR. Click **Load Settings** button to navigate to the system settings file you want to import from your USB flash driver. You will be required to input the Admin password to authenticate.



5.6.4.5 Auto Reboot

This menu allows the system to auto reboot the WIRELESS NVR regularly. It is recommended to leave this function enabled, as it maintains the operational integrity of your WIRELESS NVR.

Setup Channel	Record Alarm	Network Device System	×
Interval Interval		ault Upgrade Parameter Management Auto Reboot	
Multi-User	Auto Reboot		
Maintenance		Every Week 🗸	
IP Camera Maintain		Sun.	
♦ Information		00.00	
		Default	Apply

Auto Reboot: Check to enable.

Time: You can set the WIRELESS NVR to reboot by day, week or month.



5.6.5 IP Camera Maintain

This menu allows you to upgrade the IP camera's firmware and restore default settings of IP camera.

Setup Channel F	Record Alarm Netw	ork Device Syste	em					×
General	IPC Upgrade Load De							
🕆 Multi-User		Channel	IP Address		Software Version	Upgrade		
Maintenance		CH1	Wireless-CH1	On-line	1.0.0.018			
IP Camera Maintain			Wireless-CH2	On-line	1.1.0.005			
		CH3	Wireless-CH3	On-line	1.1.0.006			
♦ Information								
	Select File				•	▶ IPC Upgrad	le	

5.6.5.1 Upgrade IP Camera

IPC Upgrade Load [Default					
	Channel	IP Address	State	Software Version	Upgrade	
	CH1	Wireless-CH1	On-line	1.0.0.018		
	CH2	Wireless-CH2	On-line	1.1.0.005		
	CH3	Wireless-CH3	On-line	1.1.0.006		
Select File				•	IPC Upgra	ide

- 1. Choose one of the IP cameras on which you want to upgrade firmware.
- 2. Click Select File select the update file from your USB flash drive, then click OK.
- 3. Click IPC Upgrade button to start upgrading. You will be required to input the Admin password to authenticate. Please do NOT power off the WIRELESS NVR and IP camera or remove the USB during the upgrading.

5.6.5.2 Load Default Settings for IP Camera

IPC Upgrade Load D	efault					
	Channel	IP Address	State	Software Version		
	CH1	Wireless-CH1	On-line	1.0.0.018		
	CH2	Wireless-CH2	On-line	1.1.0.005		
	CH3	Wireless-CH3	On-line	1.1.0.006		
	CH4	Wireless-CH4	Off-line			
Load Default						

- 1. Choose the IP cameras you want to restore.
- 2. Click Load Default to restore settings. You will be required to input the Admin password to authenticate.

5.6.6 System Information

This menu allows you to view the system information, channel information, record information & network status.

5.6.6.1 Information

View system information such as device ID, device model name, IP address, MAC address, firmware version and more.

Setup Channel	Record Alarm Network Device	System		×
∲ General	Information Network State			
Multi-User	Device ID	000000		
Maintenance	Device Name	1080P-SNW204		
👳 IP Camera Maintain	Device Type	SNW-204	同時的設備	
• Information	Hardware Version	DM-354		
	Software Version	V8.1.0-20180619		
	Wireless Version			
	IE Client Version	V2.0.0.103	E124-27-427	
	Video Format			
	HDD Volume	931G		
	IP Address	192.168.1.105		
	Web Port	80		
	Client Port			
	MAC Address	88-1B-12-83-20-E2		
	Network State	connect success		
	P2P ID	RSV1917051030327		

If your WIRELESS NVR supports P2P function, you will find the P2P ID & P2P QR code in the information page. You can scan this QR code with a mobile app to remotely view the WIRELESS NVR.

5.6.6.2 Network State

Information Network State	
Attribute	Value
WLAN	
IP Address	192.168.1.105
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
MAC Address	88-1B-12-83-20-E2
DHCP	Enable
DNS1	221.4.221.198
DNS2	8.8.8
PPPoE	Disable
Port	
Web Port	80
Client Port	9000
RTSP Port	554
UPNP	Disable

View network information.

Chapter 6 Search, Playback & Backup

The Search function gives you the ability to search for and play previously recorded videos as well as snapshots that are stored on your WIRELESS NVR's hard drive. You have the choice of playing video that matches your recording schedule, manual recordings or motion events only. The Backup function gives you the ability to save important events (both video and snapshots) to a USB flash drive.

6.1 Using Search Function

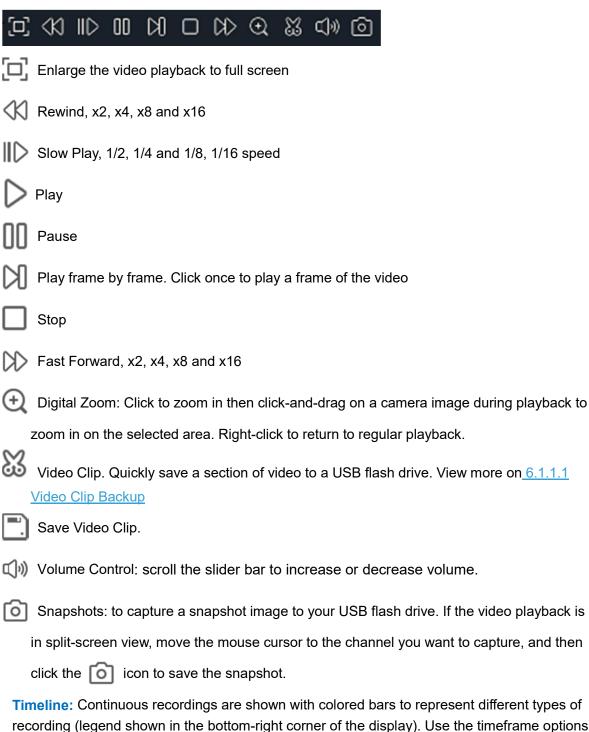
Click Q Search button in the Start Menu to enter search section.



- Search Options: the system provides various search & playback methods: General, Events, Sub-periods & Pictures
- 2. Search Date: search by a date to play back.
- 3. Search Type: the system provides different search types to narrow your search.
- 4. Channel Selection: to choose the channels you want to search & play.



5. Video Playback Controls: to control the video playback.



(o 24h o 2h o 1h o 30m) to view a smaller or larger time period.

7. Playback Status: display the video play status.

6.

8. Different types of recording shown in different colors:

Normal Motion PIR Alarm

Continuous Recording in Green;

Motion Recording in Yellow;

PIR Recording in Purple;

Alarm Recording in Orange

6.1.1 Search & Play Video in General

This menu gives an option to search & play recordings for a selected date.

Q Search Ge	eneral Events	Sub-periods	Picture						×
Date 08/13/2018 💼									Play
Search Type 🔽									
🔽 Normal 🔽 Motion									
✓ PIR									
Channel 🗹									
CH1									
✓ □ CH2 □ CH3									
CH4									
	5 3 44 HA 87 3								
		%□C>Q&& 200 04:00		06:00 1	0:00 11:47:5	JI 14:00	16:00	18:00 20:00	24h 2h 1h 30m 22:00 00:00
	0				11:47:5	a 14.00		2000	22.00 00.00
					08/13/	2010			
	Normal Motio				08/13/	2010			

- 1. Select a date to search for video recordings from the calendar.
- 2. Choose a search type.
- 3. Check channels you would like to search, or check Channel to search all connected channels.
- 4. The search results will display on the timeline from 00:00 to 24:00.
- 5. Click \triangleright button to start playback.
- 6. Control the playback with buttons on Video Playback Controls.
- 7. Use the timeframe options (24h 2h 1h 30m) to view a smaller or larger time period.

8. If you want to quickly save a section of video during playing back to a USB flash drive, use the

Video Clip backup function.

6.1.1.1 Video Clip Backup

□ <\ ⊪>		୬େଇ⊡ସ	» ©							 24 	1h 🔵 2h 🔵 1h	1 🔵 30m
00:00	02:00	04:00	06:00	08:00	10:00	12 12:28:25	14:00	16:00	18:00	20:00	22:00	00:00
0												
						08/13/2018						
	Motion PIR	Alarm				08/13/2018						
Normal	Motion PIR	Alarm										

- 1. Insert your USB flash drive to the WIRELESS NVR.
- 2. Start a video recording playback.
- 3. Click 🐹 icon.
- 4. Check the channel(s) you want to make a video clip backup of.
- 5. Move the mouse cursor to the timeline where you want to start the video clip.
- 6. Press and hold the left button of your mouse, and drag the drag the cursor to the timeline where you want to end the video clip.
- 7. The 🐰 icon has been changed to 📰 icon, click 📰 to save the video clip.
- 8. Select a file type for your backup files, click **Save** button to save the video clips. Please make sure your USB drive has enough space to save the video clips.

	Backup Type									
• RF	O AVI	o mp4								
Channel:	CH2,									
Size:	2.632GB									
Start Time	: 12:28:14									
End Time:	15:24:42									
	Save	Cancel								

- 9. Next, The backup drive menu appears. Navigate to the folder you want to save the backup files in.
- 10. Click **OK** to begin. The progress bar at the bottom of the window shows you the progress of the backup.

