

### SPY-DVR16HYB2 & SPY-DVR16HYB2ND Instructions

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## Congratulations on purchasing the SpyClops H.264 DVR Security System System System Specifications:

- Multi-camera digital video recorder which includes motion detection, key buzzer alarm, e-mail and area masking.
- The DVR uses state of the art H.264 video compression technology to maximize your recording time and
  optimize your video quality. H.264 compression saves hard drive space and supports faster data
  transfer.
- Data stored in the DVR can easily and quickly be backed up via a USB drive
- Up to 16 camera capacity so upgrading your system in the future will be easy and trouble free
- Apple and Android supported mobile app so you can view your video feed from anywhere remotely
- An embedded Linux operating system provides you with stability and excellent network capabilities
- Upgraded DVR Hard Drive specifically designed for CCTV use
- 2 USB ports in back
- Ideal for residential and commercial installations

#### Your System Includes:

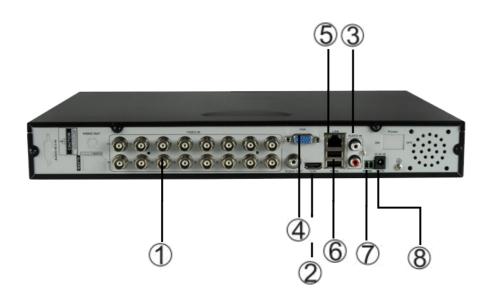
- 16 channel H.264 networkable DVR
- Pre-installed upgraded DVR Hard Drive (SPY-DVR16HYB2 only) SPY-DVR16HYB2ND does not include Hard Drive
- Power adapter
- USB mouse
- DVR remote

### SPY-DVR16HYB2



\*Note: Remove the equipment from its packaging and place it on a clean, flat surface. Inspect each item. If any visible damage is present, contact your supplier please verify your order is complete

#### MAKING THE CONNECTIONS: SPY-DVR16HYB2 & SPY-DVR16HYB2ND

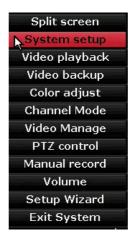


- 1. BNC video in from cameras
  - 2. HDMI output
  - 3. RCA audio IN and OUT
  - 4. VGA output to monitor
    - 5. RJ45 Ethernet port
    - 6. Mouse/USB backup
- 7. RS485 port for PTZ camera control
  - 8. DC 12V adapter port

### 1.0 INTRODUCTION

#### **1.1 Main Menu Introduction**

Right click the mouse and you will find the main menu (it can also be accessed by pressing the "**MENU**" key). The main menu consists of the following components:



- Split Screen
- System Setup
- Video Playback
- Video Backup
- Color adjust
- Channel Mode
- Video Manage
- PTZ control
- Manual record
- Volume
- Setup Wizard
- Exit System

### 2.0 Split Screen

#### x1 View

- When choosing 'x1 View', user may choose one camera to view in full screen mode x4 View, x6, x8, x9, x13 or x16 View
- When choosing 'x4 View through 16 View', user can view all 4 through 16 camera's simultaneously
- In x4 through x16 View, user can double click any camera to view in full screen mode. Double click to return to all camera view

EO	Split screen	x1 View	
	System setup	x4 View	ti -
	Video playback	x6 View	
	Video backup	x8 View	
	Color adjust	x9 View	
	Channel Mode	x13 View	
	Video Manage	x16 View	
	PTZ control		
	Manual record		
	Volume		
EC	Setup Wizard		N
amer	Exit System		





- **Auto Logout:** When enabled, the DVR will automatically logoff the present user if there is 10 minutes without operation. They will need to login again to operate the device
- Key buzzer: "Enable" will activate a beep when the DVR buttons are pushed. "Disable" will prevent beeps from sounding when the buttons are pushed
- Language: You can select one of many different languages
- **Standard: "NTSC"** is the standard for North America and will need to be selected for a clear picture.
- Key Pad Type: This option is used to set up the key pad to Standard, 16, 18 or 23 keys
- Remote ID: Fixed
- Boot Wizard: Check Box for ON or OFF
- Show ESEE ID When Preview: Check Box for ON or OFF
- Show Time When Preview: Check Box for ON or OFF

HDDVR	<i>4</i>	<u></u>		2	
	General setup C	nannel Setup	Record setup	Network setup	System Admin
eneral setup	Auto Logout	Disable			
	Key buzzer	Enable			
Time Setup	Language	English			
LIDD Cotup	Standard	NTSC			
HDD Setup	KeyPad Type	Standard	1		
Screen setup	Remote ID	255			
	Boot Wizard		Enable		
	Show ESEE ID W	hen Preview	Enable	Positio	n
	Show Time When	Preview	✓Enable		
			Apply	Ok	Cancel



- Date Format: Change date display layout
- System Date: Change date
- System Time: Change DVR's time
- **Time Format:** Change between 12 hour time or 24 hour time

HDDVR	General setup	Setup	Record setup	Network setup	System Admin
	ocherar octup	onumeroetap	record setup	Network setup	oyacen Admin
General setup	Date format	MM/DD,	/үүүү		
Time Setup	System Date	2015/1	2/14	<u> </u>	
	System Time	22 :45	:17	0	
HDD Setup		Positi			
		Positi	on		
Screen setup	Time Fo <b>r</b> mat	<b>O</b> <sup>12h</sup>	_ 24h		
			Apply	Ok	Cancel



- DVR comes formatted (SPY-DVR16HYB2 only)
- To delete the hard drive data, right click with your mouse and select "Setup" then left click to select "System Tools" then select "HDD management". Check "V" the Overwrite box and the format box of the HDD you want to format then click the "Format" checkbox "V" click "Format", click "Yes" to start.
- Auto delete old files Choose custom to set up auto delete at the number of days that you require. \*Note: This is helpful in saving Hard Disk space.

HDDVR	General setup	Channel Setup	Record s	etup Net	🔊 work setup	System Admin
General setup	Hard disk lis	st			۲Ov	verwrite
Time Setup	ID	Model	Capacity	Used	Status	Format
	1 WDC	WD10PURX-78E	931 GB	274 GB	Formatted	
HDD Setup	2					
Screen setup	3					
	4					
					F	ormat
	Auto delete Disable	old files 30	days ago			
			Apply		Ok	Cancel



- OSD Alpha: User can make GUI more or less transparent
- VGA Resolution: Change resolution to 1024 x 768, 1280 x 1024, 1366 x 768, 1440 x 900, 1080p @ 50Hz or 1080p @ 60Hz
- Auto Switch: This function allows user to have camera view switch every few seconds to your desire

HDDVR	ې پې کې General setup	ன் hannel Setup	Record setup	Network setup	System Admin
General setup					
Time Setup	OSD Alpha				
HDD Setup	VGA resolution Auto Switch	1080p@60Hz 5 seconds		TV Adjust nable Skip	loss
Screen setup		O x1 View	x4 View		
			Apply	Ok	Cancel





• Channel: This will select camera for setup

#### **Main Stream**

• Bitrate mode: This will be dependent on your bandwidth and specific needs

Encode setup       Channel       1       Encode mode       Video only       V         PTZ setup       Main stream       Sub stream       Sub stream       Sub stream       Variable       Main stream       Sub stream       Variable       Variable	SPICLOPS"	General setup	🔊 Channel Setup	Record	4	🔊 rk setup	System Admin
Encode format     1060P-H     Encode format     CIF       Ideo detection     Limited rate     2Mbps     Limited rate     256kbps       Bitrate     Quality     Highest     Quality     Highest			1			Video or	nly 🔽
Bitrate     Quality     Highest     M     Quality     Highest     M	Channel OSD						
Framerate FullFrame 🔽 Framerate <u>12 †ps</u> 🔽							
		Framerate	FullFrame		Framerate	12 462	M
				Ар		0k	ĸ

	This is the default encoding mode, and			
	also the most basic. In this mode, the			
	bitrate will be the same for the whole file			
Constant Bitrate	It means that each part of your video file			
constant bitrate	will be using the same number of bits.			
	The complex parts will be of a lower			
	quality than the easiest ones. The main			
	advantage is that the final files size won't			
	change and can be accurately predicted.			
	This mode is not recommended			
	In this mode, you choose a target bitrate			
	and the encoder will try to constantly			
	maintain an average bitrate while using			
Average Bitrate	higher bitrates for the parts of your video			
	that need more bits. The result will be of			
	higher quality than CBR encoding while			
	the average file size will remain			

	predictable, so this mode is highly recommended over CBR.
Variable Bitrate	In this mode, you choose the desired quality on a scale going from 9 (lowest quality/highest distortion) to 0 (highest quality/lowest distortion). Then you choose the optimal number of bits to spend for each part. The advantage is that you are able to specify the quality level that you want to reach; <b>the inconvenient</b> <b>is that the final file size is totally</b> <b>unpredictable.</b>

• Encode format: For the main stream we recommend NTSC with 960H format

	QCIF	CIF	HD1	WCIF	D1	960H	720P	1080P-H
NTSC	176 x	360 x	352 x	480 x	720 x	960 x	1280 x	960 x 1080
NISC	120	240	480	240	480	480	720	900 X 1080
PAL	176 x	360 x	352 x	480 x	720 x	960 x	1280 x	960 x 1080
PAL	144	288	576	288	576	576	720	900 X 1080

- **Rate:** In general, we recommend a bitrate of around 2 2.5 Mbps, which takes into account the average worldwide broadband connections for video output
- Quality: You can adjust your image quality fluctuation. Highest, High, Medium, Low, Lowest. Highest is recommended, although it will affect your bandwidth
- Frame rate: The frame rate is how many unique consecutive images are displayed per second in the video to give the illusion of movement. Keep in mind, that the minimum limit that our brain needs to perceive moving frames as a video is 24 Frames per Second, so there is no big difference between 24 and 30 fps except the higher frame rate will affect your bandwidth and data storage
- **960H** is a step up from D1 resolution. D1 produces a lower quality image and stretches the image, while **960H** is a higher quality image with no image distortion.

SPICLOPS"	🤹 🎄 General setup	🔊 Channel Setup	Record	4 .	🔊 rk setup	System Admin
Encode setup PTZ setup	Channel Main stream	- <b>1</b>		Encode mode Sub stream	Video o	nly 🔽
Channel OSD /Ideo detection	Bitrate mode Encode format Limited rate	Variable 1080P-H QCIF	<ul> <li>✓</li> <li>▲</li> </ul>	Bitrate mode Encode format Limited rate	Variable CIF 256kbp	M
Bitrate	Quality Framerate	CIF HD1 D1 WCIF	Ľ	Quality Framerate	Highest	
	Copy to	960H 720P 1080P-H				

- Encode Format: QCIF, CIF, HD1, D1, WCIF, 960H, 720P, 1080P-H, \*1080P (\*1080P IP cam only)
- Limited Rate: 2Mbps, 64kbps, 128kbps, 256kbps, 384kbps, 512kbps, 768kbps, 1Mbps, 1.5Mbps, 2Mbps, 3Mbps and 4Mbps

#### RESOLUTION

#### **SCREEN SIZE**

1024 x 768	1000 x 600
1280 x 1024	1180 x 850
1366 x 768	
1440 x 900	
1920 x 1080p 50Hz/60Hz	Most standard televisions

- Quality: Highest, High, Medium, Low and Lowest
- Framerate: 1 fps 12 fps, Full Frame
- Encode Mode: Video Only or AV Stream

#### Sub Stream

- Bitrate Mode: Variable, Constant or Average
- Encode Format: QCIF or CIF
- **Quality:** Highest, High, Medium, Low and Lowest

- Framerate: 1 fps 12 fps
- Copy To: This button allows user to copy settings to 1-16 cameras or all cameras



\*Note: To control analog PTZ, You must connect the wires to the RS-485 port on the back of the DVR

- **Channel:** Choose which camera view you want to work with.
- **Protocol:** Choose the **"protocol"** required for your device. Both protocols require an additional **RS-485** data cable.
- **Device ID:** Assign an ID number to each channel (camera view).
- **Baud rate:** We suggest using a **"baud rate"** no higher than 9600 to avoid errors. Please refer to your cameras specifications for the **baud rate** that is best for your device.
- Tour position list: This is where you set up each camera "tour". First, highlight the line in which you want to add your preset, then click the box with the question mark. Use this box to position the camera to the desired view, then click store. You then need to assign how you want each position to hold by selecting "keep time". If you change a preset, simply click "update" after you are done reconfiguring. To delete a preset, highlight the tour you want to delete and click "remove".
- **Copy To:** User can copy settings to one or all cameras

HDDVR	General setup	Solution Setup	Record se	tup Networ	) k setup Syste	em Admin
Encode setup PTZ setup	Channel Device ID	1		Protocal Baudrate	Pelco-D 2400	V
Channel OSD	Tour position				ep time	
Video detection Bitrate						
Bitrate	< 1 /1	> Preset	1 ?	Keep time	00 :00 :04	5 0
			Add	Update	Remo	ve
	Copy to					
			Apply	O	k C	ancel



- Channel: Allows user to select what camera to color adjust
- Camera Title: Allows user to custom name cameras
- Color Adjust: Allows user to change Hue, Brightness, Saturation and Contrast

HDDVR	General setup	Setup	Record setup	Network setup	System Admin
Encode setup					
PTZ setup	Channel Camera Title	1 CAM1		Color adjust	
Channel OSD					
Bitrate					
			Apply	Ok	Cancel



- Channel: User can choose channel
- Sensitivity: User can choose Highest, High, Medium, Lo or Lowest
- Detection: User can choose Motion, Video Loss or Video Cover
- Alarm Duration: User can choose 1-5, 8, 10 seconds or Continues
- Area Edit: With this button, user can customize where in the cameras view detection will take place
- Copy To: User can copy all video detection edits to one or all cameras

\* In this section, user can choose how to be notified if any of the above takes place by checking Alarm, Buzzer, Email Notice or FTP Upload.

HDDVR	General setup	Channel		Decord setup	Network setup	System Admin
Encode setup PTZ setup Channel OSD Video detection Bitrate	General setup Channel Sensitivity Detection Alarm duratio	_Channel 1	1 High 5 secc A Alar Buz: E-M	onds rea edit m	Network setup	System Admin
				Apply	Ok	Cancel



• Allows user to view bitrate in progress

HDDVR	🧟 🔕	<b></b>		2	
·	General setup	Channel Setup	Record setup	Network setup	System Admin
Encode setup	Channel	Kb/s MB/H		Channel Kb/	s MB/H
	Ch 1	25 7		Ch 2 67	19
PTZ setup		65 18 56 15		Ch 4 65 Ch 6 50	18 14
Channel OSD		0 0		Ch 8 0	0
Video detection					
Ritrate					
			Apply	Ok	Cancel





- Channel: User can choose camera channel
- Schedule 1-4: User can schedule how many hours and minutes in a day the user would like the DVR to record based on what box is checked
  - Time: Sets DVR to record for set time
  - Motion: Sets DVR to record when motion is detected by camera
  - Sensor: Does not apply
- Week Day: User can choose one day a week or every day
- Copy To: User can copy all record setup edits to one or all cameras
- \* Video recording will be displayed by color.
  - Time = Red
  - Motion = Green
  - Sensor = Does not apply to this model

HDDVR	General setup	Setup	ा Recold setup	Network setup	System Admin
Record Plan	Channel	1	Vee	ekday Monday	
Sensor setup	Schedule1 Schedule2 Schedule3 Schedule4	00       :00       -       23       :         00       :00       -       23       :         00       :00       -       23       :         00       :00       -       23       :         00       :00       -       23       :	59 59	✓ Motion	Sensor
	0	4 8 Time		16 20 Sensor	24
	Copy to	All M			
			Apply	Ok	Cancel

#### Sensor Setup (Does not apply to this model)





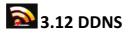
- **DHCP:** Check box when user needs an IP address
- **ESEE(P2P):** Keep box checked when user wants to view the DVR system through a mobile device
- **IP address:** This is the unique address assigned to your DVR and will be used locally (within your network) in a web browser to view your DVR recording. This is also the address you will use if you need to port forward (for assistance with port forwarding, you can go to portforward.com for instructions according to your router model).

#### \*Note: you will need to allow Active X to install on your browser to view remotely

- Gateway: This will be your router address.
- MAC address: The physical address of the DVR.
- **Preferred DNS:** This is the address for routing web access. **Not to be confused with DDNS**.

- **Web port:** This will need to be updated to the new port number if port forwarding is done through another port besides 80.
- Show QR Code: This button will populate a QR code to scan with mobile device to have access to the ESEE app

aPICL@PS"	General setup	🔊 Channel Setup	Record setup	Network Setup	System Admin
Network setup DDNS FTP PPPoE B Muil	✓ DHCP ✓ Device ID(P2 IP address Subnet mask Gateway MAC address Preferred DNS Web port This IP can be t	192.1 255.2 192.1 0005 8. 80	1728 (ONI 168.100.123 255.255.0 168.100.1 FE6C 922F 8.8.8	.INE) Sh	low QR Code
			Apply	Ok	Cancel



*Note:* This option is for remote DVR access using a customized URL that you choose. The two main sites that are supported are noip.com and dyndns.com. Each one has their own pros/cons so it is suggested to research both to find the one that you prefer.

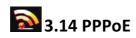
• This option will work with Dyndns, Changeip and No-ip

Management of the second s						
EPICLOPS"	🧔 🎪 General setup	🔊 Channel Setup	Record setup	Network setup	System Admin	
Network setup DDNS FTP PPPoE E Muil	DDNS Function DDNS provider URL Username Password					
			Apply	Ok	Cancel	



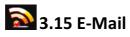
- This service is for uploading an image to a FTP account.
- Once Motion is triggered, and image will be uploaded.
- This function's service is 'NOT' provided through Spyclops.

EP(CLOPS"	General setup	🔊) Channel Setup	Record setup	Network setup	System Admin
Network setup DDNS FTF PPPoE E Muil	FTP Function FTP Server Port Anonymous Username Password Remote Folder File Max Size Schedule	/	ble Set		мк



• This info must be obtained by Internet Service Provider.

aptcl@ps"	🤹 🍇 General setup	🔊 Channel Setup	Record setup	रू Network setup	🎆 System Admin
letwork setup DDNS	PPPoE Function		ble e12345667890		
FTP	Password			■ Disp	blay
E Muil	PPPoE Status:	Disable ►	2		
			Apply	Ok	Cancel



- E-Mail Function: Select to enable email options.
- **SMTP Server:** Do a search for your email provider's SMTP server (ex: plus.smtp.mail.yahoo.com) and enter the full address here.
- **Port:** Enter the port number that is returned from your SMTP server search (ex. Yahoo = 465).
- Username: Your email username (full email address).
- **Password:** Your email password.
- **Encryption Type:** This information can also be found in your email providers SMTP search.
- Sender, sendee 1, sendee 2: "Sender" will be your email address and "Sendee" will be the email you want the email to go to.
- Subject: What you want your emails subject line to be.

- Interval: Select this option if you want an automatic email sent periodically with screenshots in seconds \**Note:* there are 3600 seconds in an hour.
- Click "Test" to test your email settings.

IPICLOPS"	General setup Ch	🤊) annel Setup	Record setup	Network setup	5ystem Admin
work setup	E-Mail Function	Enal	ماد		
DDNS	SMTP Server		sie		
0000	Port	25			
FTP	Username				
000-5	Password				
PPPoE	Encryption Type	None			
E guil	Sender				
	Sendee 1				
	Sendee 2				
	Subject	DVR	Keport		
	Interval	·*•			Second
	Health Mail Interval	.30	Minu	te 🔳 Enable 📃	Test





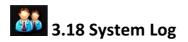
• This page shows user the DVR's system information

SPICLOPS"	🧟 🍇 General setup	🔊 Channel Setup	Record setup	Network setup	🮆 System Admin
System version	Device name	טעא			
HDD Info	Device model	SPY-D	VR16HYR2		
System log	Device SN	HD610	597401728		
User	H/W version	1.0.0			
System upgrade	S/W version	2.3.1	.1 43A32310		
oyatem opgrade	Built time	2016/	03/08 19:20		
Sys.maintenance	Support Web	http:	//www.Spyclops	UI89.COM	
Factory setting	Phone Client	She	ow QR Code		
				Ók	Cancel



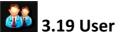
• This page shows user the HDD information (Hard Drive)

	General setup	🔊 Channel Setup	Record setup	Network setup	System Admin
System version	Hard disk list				
HDD Info	ID ID	Model	Capacity	Used	Status
	L W	DC WDIOPURZ 78E	931 GB	27 GB	Formatted
System log	2				
User	9				
	4				
System upgrade Sys.maintenance Factory setting	Total size	931.000 CK			
	Used size	27.000 GB	2.9%		
	Free size	904.000 CR	97.1%		



- This page allows user to view when certain events took place. By selecting the time and date, user can view:
  - System bootup
  - System shutdown
  - Configuration is changed
  - Record log
  - Alarm log
  - Device Warning
  - All

	General setup	🔊) Channel Setup	Record		Netwo	<u>ээ</u> erk setup	System Admir
System version HDD info	Event type From time	System boot 2016/03/1	8		00:00	<u>e</u> ID	
System Icg User	Till time ID	_ 2016/03/2 Log time	4 📼	2.3 : 54	) : 59 Lo	ন্ত og detail	Search
System upgrade Sys.maintenance							
Factory setting	o v <del>ideo</del>						нo
	K/	<u>&gt;</u>					
						0k	Cancel



- In this window, user will be-able to set a password for the DVR and also add users to this DVR
- Add User: Create username and password and select 'Super User' for access to every option or select individual boxes for limited use
- Set Password: User will set DVR's username and password on this page.

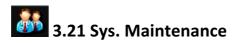
Note: On this DVR, old password is 'Blank" (No letters).

SPICLOPS"	G	eneral se	tup Channel S	Jetup	Record setup	ि Network setup	System Admin
System version		User list					
HDD Info		ID	Username	Su	peruser	Add user	<u></u>
		1	admin		Yes		
System log		2				Delete user	
		2				Edit user	
User		4				Set password	
ystem upgrade		6					
		7					
Sys.maintenance		8					
		9					
Factory setting		10					
		11					
		12					
						Ok	Cancel



• This page will be used to upload 'New Firmware' when available by uploading via flash drive in the USB port (Note: Rear lower USB port to be used by mouse and rear upper for USB drive)

Factory setting	OPS"	General setup C	🤊 hannel Setup	Record setup	रू Network setup	system Admin			
System log User System upgrade ys.maintenance Factory setting If failed,Please Insert usb storage and make sure help.rom exists.	rsion	Offline Upgrade	USB storage	Syste	m 🛛	Start			
User ystem upgrade ys.maintenance Factory setting If failed,Please Insert usb storage and make sure help.rom exists.	fo	Auto restart afte	r the upgrade						
System upgrade Sys.maintenance Factory setting If failed,Please Insert usb storage and make sure help.rom exists.	log								
If failed,Please Insert usb storage and make sure help.rom exists.	nance								
Dividing and the second s		If failed,Please Insert usb storage and make sure help.rom exists. DVR system will be rehabilitated by rebooting about 3 minutes.							
Apply Ok Cance				Apply	Ok	Cancel			



- Within this page, user can choose when they would like to reboot the DVR.
- Since this is a computer, it is always good to reboot your system once a week.

SPICLOPS"	General setup Cl	🔊 nannel Setup	Record setup	रू Network setup	System Admin
System version	Auto Maintenance	Disable	2016/0	03/18 02 :00	:00 @
HDD Info	Schedule	Sunday	Monday 🖬 Tu	uesday 🔳Wednes	day
System log	Next Maintenance	Thursday	EFriday ES:	aturday	
User	Mext Mainternance				
System upgrade					
Sys.maintenance					
Factory setting		R			
			Apply	Ok	Cancel

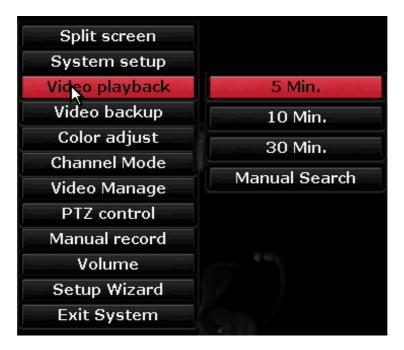


• Within this page, user can choose what he or she wants to restore factory settings

PICLOPS"	General setup Char	inel Setup Record setup	Network setup System Admin
System version	<b>⊠</b> All		
HDD info	General setup	Network setup	Sensor setup
System log	🗳 Channel Setup	Screen setup	CPTZ setup
User	Record setup	Video detection	HDD management
System upgrade	🕻 Channel Mode	C Digital Channel	
Sys.maintenance			
4			
		Apply	Ok Cancel

### **4.0 VIDEO PLAYBACK**

• Within this page, user can choose to playback video from 5 minutes, 10 min, and 30 min. to a manual search where user decides time and date for video playback.



### **5.0 VIDEO BACKUP**

• Within this page, user can choose witch if not all video's to back up on a USB flash drive

		Vide	o backup			-
Channel	<b>¥</b> 1 <b>¥</b>	2 🛛 3 🗹 4 🕻	<b>1</b> 5 <b>1</b> 6 <b>1</b> 7	<b>V</b> 8 <b>V</b> AII		
Record mode	🗹 Manu	ial 🗹 Tim	ne 🇹 Mo	otion 🗹 🗹 S	Gensor	
Search time	2015/	12/14 🔤	00 :00 - 23	3:59	Sear	-ch
ID Channe	Mode	Begin time	End time	Duration	Size	Select
						┝╴┣╴
						┝╴┫─
						┝╴┫─
< <u>1</u> /1	$\boldsymbol{\succ}$	USB storag	e 🔽	Backup	Can	cel

### 6.0 COLOR ADJUST

- Within this page, user can choose Hue, Brightness, Saturation and Contrast to adjust the cameras color.
- Copy To: User can copy color adjustment to one or all of the cameras

	 00	
	32	Default
•	28	Bright
•	32	Soft
•	32	
	)k	Cancel
		28 32

### 7.0 CHANNEL MODE

- Within this page, user can choose how many analog and IP cameras he/she is wanting to use on the DVR. Once set, the DVR will need to be rebooted for DVR to look for specified cameras.
- Within this page, user can also choose if the cameras are AHD/CVBS or TVI. Simply check the box on the camera channel.

Set Ch	annels M	ode								
Analog	g Channe	(A)	14			Þ	2 (1)	ec) Dig	atal Cha	inne
	- HD/CVBS			HD/CVBS	; TVI		Add	I IP Can	nera	
CH-01			CH-09			٨	Δ	٨	Λ	
CH-02	•		CH-10							
CH-0.3	•		CH-11			<u>A</u>	Δ	Δ.	4	
CH-04			CH-12			٨	Δ	Δ	Δ	
CH-0%	•		CH-1.3			4	-	-	4	
CH-06			CH-14	•		A	Δ	IPC	IPC	
CH-07	•		CH-15							
CH-08			CH-16				Pre	view		
All			All				0k		Cancel	

### **8.0 VIDEO MANAGE**

- Within this page, user can manage all cameras that are being used. User can add cameras, delete cameras as well as manual edit all the cameras.
- To Add Onvif cameras select onvif protocol and refresh. Select desired camera/s and add. (Cameras username, password and port may need to be updated if connection does not happen automatically)

			Video Manag	je		
	Protocal	default	$\overline{\mathbf{v}}$			
	ID	Device name	IP address	Port	Protocal	
						Refresh
						Add One
						AutoAdd
				$\left  \right $		
	< 0	/ 0 >				
	Added de	evice:	2 Remai	ning device	e: 0	
	Channel	Device name	IP address	St	tatus	
	1	Analog Device				Delete
	2	Analog Device				Delete All
	3	Analog Device				Manual Edit
Ţ	4	Analog Device				
•	5	Analog Device				Channel Setup
	6	Analog Device				
	7	IPCAM	192.168.100.110	Upo	dating	
	8	IPCamera	192.168.100.168	Conne	ect Failed	
			Remaining netw	ork bandw	idth: 54Mbps	3
					Ok	Cancel



# 5.2 Exit System:

- Logout: Apply for logged in users. After logout, if you want to use the device you need to log • back in.
- System reboot: it will reboot after "OK".
- **Shutdown:** To shut the system down.

Shutdown	
Logout	
Reboot	
Shutdown	

#### 6.0 SMARTPHONE ACCESS

5.1 EseeNet+ app:

- I-Phone/I-Pad: For I-Phone or I-Pad users use this link to install Esee Net+ https://itunes.apple.com/sr/app/eseenet+/id789619158?mt=8
- Android: For Android users, use this link to install Esee Net+ <u>https://play.google.com/store/apps/details?id=com.ESeyeM</u>
- To add a device, select the + next to My Device.
- Choose IP address or Eseenet ID for Add Model.
  - For IP address log in, enter the IP address of the DVR or your DDNS URL if one has been set up. Then enter the **User ID** and **Password** of the DVR, then select the Max channel.
  - For Eseenet ID log in, enter the Esee number from your DVR in the **Device ID** space and the username and password of the DVR.

	Edit	Device List	<b>-</b>	Edit	Devic	e List	5
S. a she	Add Model:	IP Adress Eseenet I	D	×7	My device		+
	Device Gro	My device					
	Name:						
	Device ID:			-			
	User ID:						
0 ESEENET	Password:						
	Max Chann	1 4 8 16 24 3	32				
	ОК	Cancel					
		0		≣	0		
	Device List Pla	ayBack File Manage	More	Device Lis	PlayBack	File Manage	More

- For remote viewing of recorded video, select the **Playback** icon at the bottom of the **Device List** page.
- You can select your camera, channel, and recording mode and search.

PlayBa	ack Hide	PlayB	ack Hide	PlayBack H			
Search Settings		Search Settings		Search Settings			
2014-08	3-05	2014-0	8-05	2014-08-05			
00 : 00 <b>To</b>	23 : 59	00 : 00 To	23 : 59	00 : 02 To	23 : 59		
inside	Channel 1	home	Channel 3	home	Channel 3		
All Video	Search	All Video	Search	Motion	Search		
hou	se	Chan	nel 1	All Vie Man			
outsi	ide	Chan	nel 2	Schee	dule		
insi	de	Chan	nel 3	Motion			
		Chan	nel 4	Alar	m		
Device List PlayBack	File Manage More	Device List PlayBack	File Manage More	Device List PlayBack	File Manage More		

For live Technical Support assistance M-F / 9-6 EST please call 866.839.9187 Email: htsupport@etherealhometheater.com



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