





CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of unprotected "Dangerous voltage" within the product's enclosure that may be strong enough to cause a risk of electric shock.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOIS-TURE.

NOTE: This equipment has been tested and found to comply with the limits for a class digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Notice: Ghosting or fractured images may occur on the screen when there is a suddenly surge or lightning stroke which cause damage on IC in the DVRs.



GPL Licensing

This product contains codes which are developed by Third-Party-Companies and which are subject to the GNU Public License ("GPL") or the GNU Lesser Public License ("LGPL"). The GPL Code used in this product is released without warranty and is subject to the copyright of the corresponding author. Further source codes which are subject to the GPL-licenses are available upon request. We provide our modifications to the Linux Kernel, as well as new commands, and tools to get you into the code. The codes are provided on the FTP site, and please download them from the following site or you can refer to your distributor:

FTP site : http://icatch.azurewebsites.net/GPL/

User Manual

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Note: The number of channels, sensors, relays, and split screen, and the resolution in the following figures are for reference. The actual screen output may be different by different models.

Chapter 1 LIVE OPERATIONS

In the live mode, you may monitor all channels of the DVR, listen to live audio from cameras, and configure the DVR. The DVR can support 4:3 and 16:9 aspect ratios of the screen layout. There is a shortcut toolbar on the top of the screen for users to logout, to access system information, to change screen aspect ratio, to make the DVR window full-screen, and to configure network stream quality. In the 16:9 mode, there are two major panes, the configuration menu and channel pane for video of channels. In the 4:3 mode, a user may access the configuration pane by right-clicking the mouse on the screen splits and a channel status pane will appear when the mouse cursor moves to the bottom of the screen

HD Series:



16:9 display - Operation screen

4:3 display - Operation screen





РМ 01

4: 3 display - Operation screen

HHD Series:



960H Series:				Shortcut toolbar]	
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VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS		
СН07 🚺	СН08 🚺	🖯 СНО9 🚺	🗄 СН10 🖪	СН11 🖪	СН12 🚺	*******	Configuration
VIDEO LOSS	VIDEO LOSS	200002 3.8.8		VIDEO LOSS	VIDEO LOSS		Panel
Е СН13 🚺	🗄 CH14 🖪	VIDEO	LOSS	🗄 СН15 🛃	日 сн16 🛃		
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16 : 9 display - Operation screen

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логен наз	3453636 B.16 B	2813/05/28 16:45:33		a sana a sa sa	200810-000
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VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VID Char	nol Status
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			17 18 19 20 21 22		28 29 30 31 32
H AAAAA		AAAAAA			4

4 : 3 display - Operation screen



	lcon	Description		
	E	Recording of a channel is activated.		
		Live audio of a channel is activated.		
		Live audio of a channel is not activated.		
	Ē	Video signal of a channel is available.		
	"	Event recording of a channel is active in this channel.		
	A	Motion detection of a channel is triggered.		
	<u>[]</u>	Alarm is triggered of a channel. The number of available alarms depends on models.		
	£	Alarm is not triggered of a channel.		
	≥	The channel video-loss alarm of a channel has been triggered.		
	¢	USB device has been detected.		
	@	DVD device has been detected.		
		Network connection is available		
		Network connection is not available		
	2	Displays the current user		
38°C 74	18.59GB/753.32GB 99%	Displays the current disk space and usage. (The figure shows 99% of the disk space has been used, and 1% is available.). The current disk temperature is also shown.		
2009/09	9/23 14:05:02	Each channel shows the time stamp for local playback, remote live, remote playback, and backup-video.		

Chapter 2 MAIN MENU SETUP

To enter the main menu and set up a DVR, log-in account and user password are required. The default password of the administrator is "**123456**". Please check the "Account Setup" for management of other log-in users.



Table 2-1 Definition of keys of virtual keyboard

Icon	Description
登, 企	Switch between capital letters and lower-case letters.
.?123 / ABC	Switch between numbers and letters
<3	Delete the last character 。
	Enter to verify the password. The DVR shows the setup menu, if the password is accepted.
	Space key

Table 2-2 Available keys on the remote control in the main menu mode

Item	Description		
▲ ►	Switch to previous or next options of an item		
▲ ▼	Switch to different items		
MENU	Save setup and back to the LIVE mode		
ESC	Back to upper level of menu without saving		
ENTER	Enter the menu, or display virtual keyboard		

There are icons within the configuration pane on the live mode to operate different features of the DVR. The configuration pane is always on the left or right side of the screen in the 16:9 mode and can to be evoked by right-click in the 4:3 mode.



16:9 display, the main menu is on the right side of the screen

4:3 display, right-click on the screen to evoke the main menu.¹

¹ Icons may be slightly different by different models

Icon	Description
	Set the auto sequential menu
	Set the backup menu to backup video data from DVR HDD.
	Set the configuration menu to access recording settings, event settings, camera settings, account settings, network settings, stor- age settings, system configuration, and information
	Set the time search menu to choose a specific time of the rec- orded video to playback
	Set the event search menu to access the list of events recorded by the DVR. The event list will show the event occurrence time, event category, channel events, and other information.
	Set the PTZ mode
	Focus Mode *1
	Set the Zoom-in function. The DVR supports zoom-in from 2x to 8x digital zoom
	Set image freeze function
	Disable image freeze function

	Enable/Disable PIP *2
	Switch to single split
	Switch to 4-split display
	Switch to 9-split display
	Switch to 10-split display
	Switch to 13-split display
	Switch to 16-split display
20	Switch to 20-split display
25	Switch to 25-split display
32	Switch to 32-split display

*1.Maya V2 Series not support focus mode

*2 PIP not Support RHD-813B RHD-1613B HHD-2013B & DVR-3213B

2-1 Auto Sequential

16:9 display

4:3 Display

ltem	Description		
Interval	The time interval between each channel display		
All Channels	The DVR automatically switches between channels with designated in- terval. The DVR shows each channel in a single-split mode.		
Quad-Screen Divi- sion	The DVR automatically switches between channels with designated in- terval. The DVR shows channels in 4-split mode.		
9-Screen Division	The DVR automatically switches between channels with designated in- terval. The DVR shows channels in 9-split mode.		
10-Screen Division	The DVR automatically switches between channels with designated in- terval. The DVR shows channels in 10-split mode.		
16-Screen Division	The DVR automatically switches between channels with designated in- terval. The DVR shows channels in 16-split mode.		
20-Screen Division	The DVR automatically switches between channels with designated in- terval. The DVR shows channels in 20-split mode.		
32-Screen Division	The DVR automatically switches between channels with designated in- terval. The DVR shows channels in 32-split mode.		

2-2 Backup

User can backup recorded video data of a specified time frame. The DVR can backup video data to either direct-attached storage, such as DVR or USB drive, or remote folder of a PC.

Item	Description		
From	The start time of video data to be backed up		
То	The end time of video data to be backed up		
Duration	The time duration of backup file		
All	It can select all channels or clear all selected channels to backup		
Required Space	Show the size of the backup file		

2-2.1 Selection

2-2.2	Select	Backup	Device
-------	--------	--------	--------

Item	Description			
Backup Device	Select target device of backup (USB/DVD-RW/remote folder) 。			
Status	The status of target backup device			
Free Space	The available space in the target backup device. (not available for remote folder backup)			
	Start backup operation.			
Backup	Be sure to calculate the size of backup file BEFORE operating backup.			

Backup					
Data					
Frems	2012-07-20 AM 08:00:00				
Ton	2012-07-20 AM 04:00:00				
Duration:					
IIA 🗌					
Required Space:	Calculate				
Storage Media					
Backup Device:	USB Flash Drive				
Status	USB Flash Drive				
Free Spaces	Folder				
Backup					
	Close				

Do not unplug the USB device or turn off the DVR during the backup process to avoid unrecoverable error.

2-3 Configure

Evoke the configuration menu, recording settings, event settings, camera settings, account settings, network settings, storage settings, system configuration, and information. Please refer to chapter 3 for detail.

2-4 Time Search

Time search can search for the specific time of recorded data to playback. Note that dates with recording data are marked with a blue box. System will start playing video of specified time slot. Calendar will be shown by using mouse to click on "year" and "month".

Click "date" to display recording time of that specific date with time bar. You can change time (hour/minute/second) or click on a specific pint of time bar by mouse then press "ok". DVR will playback the recorded data of the specific time.

Item	Description
\bigcirc	Playback button, start play- back.
	Select playback time by slid- ing the position of the cursor to the specified time. The timeline scale is 24 hours. The blue chart represents available video data.

VIDEO LOSS CHO4 VIDEO LOSS CHO5 CHO6 VIDEO LOSS VIDEO LOSS	2015/08/21 :	IDEO LOSS		VIDEO LOSS	VIDEO LOSS	РМ04:00:04
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VIDEO LOSS VIDEO LOSS		CH04	•	🕨 СНО5 💽	🕨 СНОб ┥	
	Ņ	IIDEO LOSS		VIDEO LOSS		33°C 3.4115/3.515 7%

16:9 Display

Playback configuration

	/3.61 B 9/21/2015 PW 04:00:32
VIDEO LOSS VIDEO	
🕨 СНО1 💽 СІ	но2 💽 🕨 Сноз 🧃
VIDEO LOSS VIDEO	LOSS VIDEO LOSS
🕨 СНО4 💽 СІ	но5 💽 🖌 СНО6 🧃

4:3 Display

Table 2-4 Available keys on the remote control functions in the PLAYBACK mode

Button	Description			
ENTER/ MODE	Switch to full screen or multi split display.			
MENU / 💵	Turn on/off PAUSE.			
PLAY	Playback at normal speed.			
▲ / SLOW	Playback at slower speed. The speed will be slowed to 1/2, 1/4, 1/8 play- back speed, by each pressing of the button till the slowest speed.			
•• / •	Fast rewind. Each press increases the rewind speed to the next level. There are six speeds: 2x, 4X, 8X, 16x, 32X and 64X.			
▶ / ►	Fast forward. Each press increases the forward speed to the next level. There are six speeds: 2x, 4X, 8X, 16x, 32X and 64X.			
▼ / ■	Stop playback.			

Table 2-5 the mouse operation under the PLAYBACK mode.

lcon	Description
-	Stop playback, and go to previous page
	Play
00	Pause
	Fast rewind, speed 4x, 8x, 16x, 32x
	Fast forward, speed 4x, 8x, 16x, 32x
	Slow playback, speed 1/2x, 1/4x, 1/8x
	Step playback
Q	Zoom-in display, 2x~8x digital zoom
	Full screen display
	Quad display
	9 screen display
	10 screen display
	16 screen display

20	20 screen display
25	25 screen display
32	32 screen display

If you want to monitor single channel, please double-click the preferred channel.

4:3 Display P.S Can drag a small window

2-5 System Logs

The DVR logs events automatically. The event list shows the logged events, event type, event detail, event filter (criteria), and page number of the event list. If the event video is logged, there is a gray video symbol "▶" on the left of the event. Move the cursor to event line and press "ENTER", or double-click mouse button, DVR playback this record video related to the event.

201		1	parana (parana ana ang ang ang ang ang ang ang ang
		System Log	8
	Criteria		(1 <u>1</u>) 📀
	Date/Time	Event	User/Details
	2013/07/26 13:54:44	User Login	[admin] 192.168.1.49
2011	2013/07/23 20:37:02	User Logout	[Admin] Console
-	2013/07/23 20:30:45	User Login	[Admin] Console
	2013/07/22 20:13:54	User Logout	[admin] 192.163.3.239
	2013/07/22 19:34:42	User Login	[admin] 192.168.3.239
	2013/07/22 19:34:41	User Logout	[admin] 192.163.3.239
-	2013/07/22 19:34:37	User Login	[admin] 192.168.3.239
E.	2013/07//16 22:03:54	User Logout	[admin] 192.163.1.61
201	2013/07/16 21:40:12	User Login	[admin] 192.168.1.61
	2013/07/16 21:23:54	User Logout	[admin] 192.163.1.61
	2013/07/16 20:15:00	User Login	[admin] 192.168.1.61
	2013/07/16 13:19:01	Channel Record	
	2013/07/16 18:18:55	Power On	
R	2013/07//16 17:50:03	User Logout	[admin] 192.163.1.61
2011	2013/07/16 17:50:03	User Logout	[admin] 192.168.1.61
	2013/07/16 17:30:34	User Login	[admin] 192.163.1.61
	2013/07/16 17:29:45	User Login	[admin] 192.168.1.61
	2013/07/16 17:29:26	User Login	[admin] 192.163.1.61
		Close	
100	C1112 2011	C1111.4	

Note: If the hard disk is not installed or has not started recording, the DVR will produce the event list, but the user cannot playback the video of a specific event by clicking the event.

ltem	Description
Criteria	Set the conditions for the event search
	Slide the slider to choose a page of the event list. The right num- bers will show the corresponding page number
110	Press left and right arrow keys or enter the page number directly. It will go to the select event page.
Ċ	Refresh the event list.

2-5.1 Search Criteria

The number of event is up to thousands, therefore, to set "search criteria" to facilitate rapid classification of events. If the checkbox of start time and end time is checked, the event list will only display the events within the specific time slot. If the user unchecks some events and press the "OK ", the lists will only shows checked events. If you uncheck the channels, the event list will filter out unchecked the channels.

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五		Chappe	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
¥	Sensor	Video (1	2	3	4	5	6	
11;	🗹 User Logout	🗹 Export	7	3	9	10	11	12	13	
18	Import Configuration	Suport (14	15	16	17	13	19	20	
25	Set HDD Record Flag	System	21	22	23	24	25	26	27	
201	Set Admin Password	🗹 Write (28	29	30	31				
16	User			13)	8	53 0		25		\bigcirc
201		ରୀ ଜନ ଜନ		6 57 6 6	തെ	ดสส	ากฤด	ถุภ ฤเต	16	S
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	 △ All ✓ Fewer On ✓ Senser ✓ User Legent ✓ Import Configuration ✓ Import Configuration 	 ✓ Channel Record ✓ Video Mation ✓ Export Configuration ✓ Export Logs ✓ Channe Record Config 	 ✓ Video Loss ✓ User Legin ✓ Reset Configuration ✓ Clear Legs ✓ User Legs
	 ✓ Grange teacy tunna ✓ Set HDC Record Flag ✓ Set Admin Password 	 ✓ Grange isocore county ✓ System Upgrede ✓ Write Error 	✓ Intel Formax ✓ Backup 5
v			
U B	CH27 🗀 CH28		

2-6 PTZ Operation

Set up the camera PTZ settings in advance (refer to 3-3.1). Enter the PTZ configuration page, PTZ control panel displays the camera PTZ setting. There is a red cross on the center of the screen. Move the mouse to the Red Cross and hold down the left mouse button to the preferred location of the screen. The DVR will move the camera to the preferred place by placing the preferred place to the center of the screen. On the screen to move in any direction. It can control the PTZ camera in the direction.

Rotate video function use only remote connection

16:9 Display

4:3 Mode PTZ configuration

Table 2-6 Function description

Item	Description			
۹	ZOOM. Press + / - or move the slider to adjust the zoom level.			
	FOCUS. Press + / - or move the slider adjust the PTZ fo- cus			
	IRIS. Press + / - or move the slider to adjust the PTZ iris			
= /	Press left and right arrow keys to move the camera to the preset locations, and then press to set current camera location to default point.			
-Jac	Press left and right arrow keys to move the camera to the preset locations, and then press to change the camera to next preset point.			
Rotate Video	Make the display upside down			

100/02/02/04/53/04 200/01/04/53/04	1/2/2000
Net Camera Setup 777	ам04:57:14
1 2 8 4 5 6 7 8 Mask Name: CH01 DVR Mode PTZ RS-435 UTC Mode: Auto	
Advance Setup OK Cancel CH07 CH08	Q Image: Constraint of the second seco
Increased functionality UTC	4 14 5 10 000
UPD00/01/15 07:53:08 Wile Reventrise: 19:000/01/15 Wile Reventrise: 27:000/01/15	
CH01	
MEROPOO/01/15 07:54:07 MEROPOO/01/15 07:54:07 MEROPO NEROE MEROE MEROE MEROE MEROE MEROE MAIN MENU 1. LENS MAIN MENU 1. LENS MAIN MENU 1. LENS MAIN MENU 1. LENS 1. L	AM07:54:07
	38°G 3.3TB/3.6TB

2-7 Zoom

In the digital zoom mode, users may use the mouse to move the red rectangle of the zoom area.

16:9 display zoom

	408.2GB/465.8GB	5/29/2013 上午 11:59:56
00401051		11
2013/00/7	49 11-99-9	99 9
	СНО1	

4:3 display zoom P.S Can drag a small window

ltem	Description
4	Zoom-in the area specified by the red rectangle.
-	Zoom-out the area specified by the red rectangle.
Ð	Exit zoom mode

2-8 Shortcut toolbar

Real-time monitoring mode, move your mouse over the window function column appears above its fast operation

2000/07/07 05:01:15 Winde: Main Resolution: Main FPS: Bit Rate: Sub Resolution: Sub Resolution: Total Bit Rate:	EO LO	127.0.0.1 Ray M 12805720 1.00 Fps M 500586	A C C C C C C C C C C C C C C C C C C C		WWW/2/2 6501:15 1/2/ JID: Mode: Main Resolution: Main FPS: Jit Rate: Jit Rate: Jit Rate: Jit Rate: Jit Rate: Jit Rate:		5:01:15 Raw 1280X/20 100 fp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 129 kbp: 120
8	CH01	Image: A state of the state	СН02	•	8)	СНОЗ	
2000/01/02 05:01:15 UDD: Made Resolution: Main FPS: Bit Rate: Sub PFS: Sub Bit Rate: Sub Bit Rate:	EO LO	127.0.0.1 1280 1280 100 (ps 500 (ps 50 (ps)50 (ps)5	VIDEO		VIDE	O LQ	SS
81	СН04		СНО5		81	СН06	
VID 8	EO LO 6407	SS	VIDEO CHOS				

ICON	Description
6	User login / logout: Auto lock is used.
Û	System Information: The host model, version, IP location, MAC values and hard disk information.
43	Wide screen switching: Switch 4:3 / 16:9 monitor display.
	Screenshot.
B	Turn on / off recording.
	Full screen.
ి	Options: Change the PC side screen shots, video storage path.
	Network Video Quality: You can follow the PC network bandwidth, ad- just the image transfer traffic.
	Displacement Windows settings.
	Relays. The user can control the behavior of the relay on the DVR.

 \times recording function, full-screen, options, image quality network for remot e use of these four functions

 \times screenshots, video features, options, these three features are only avail able in "iWatchDVR" use, IE 7/8/9 NOT support

2-8.1 network image quality

Multiple-Screen Division Low Quality Static Image Low Quality High Quality Static Image High Quality	
Single-Screen Division Low Quality Static Image Low Quality High Quality Static Image Kigh Quality	
OK Cancel	

Option	Description
Low Quality Single Im-	Low quality static mode: insufficient bandwidth used for one
age	second about running 1 ~ 2FPS.
Low quality	Low quality Dynamic mode: According to the DVR recording settings.
High-quality	High-definition single image under static mode: insufficient bandwidth to use for one second about running 1 ~ 2FPS.
High-quality	High-definition Dynamic mode: According to the DVR recording settings.

※ image fluency: To all actual field-based network environment

10112/02/10/10/00/00		10112122110 10 C	20101_2/000010/2/A	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		2002/16/201	13:28:33
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VIDEO LO	Lanarabed Style twee	m: Jacobard		uk munin nenganak naj	Rmws	• (EO	LOSS
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СНО9	1	ALL 145/10 12:30 33		AND MALES AND MALES		CH1	12.
VIDEO LO	DSS	WIDES .	OSS	WIDEO LO	SS	VIDEO	LOSS
CH13	50	СН14		CH15	17400	CH1	G 📧

2-8.2 Preference

2-8.3 Popup Setup	_
Event OSD Always Show Triggered Hide	
OK Cancel	
Event OSD Clock Show HDD Status Show Channel Information Border	
OK Cancel	

ltem	Description	
Event	Prompt window displays the channel status \circ	
OSD	Display time, HDD status, channel information, channel border.	

2-8.4 Relay Setup

Option	Description
Relay 1 ~ 4	Relay J Series x1, N Series x2, B Series x4.
Functional	open, close, automatically

PS. The initialization of new-installed HD is required before recording, please refer to "**UTILITY SETUP**" for detail.

3-1 Record Setup

ltem	Description
Record Mode	Continuous Record/ Schedule Record/ Stop Record

ltem	Description								
	Click icon, it will go to the video setting menu of this channel (be-								
Video	low). In settings menu, press 🗪 to save, press 🗵 to go back								
	to the original video settings menu *1								
Record Enable / Disable recording for this channel									
Resolution	Recording resolution selection *2								
FPS	Select recording frame rate, from 1 to 30								
Quality	Recording quality, from 10 to 100. The larger number means the								
Quality	better quality								
Audio	Enable / Disable recording audio								

Note 1: Channel Source is "HD signal" no function

3-1.1.1 Video Settings

4:3 display video settings

ltem	Description								
Sharpness	Adjust sharpness from 0 to 255								
Brightness	Adjust brightness from 0 to 255								
Contrast	Adjust contrast from 0 to 255								
Saturation	Adjust saturation from 0 to 255								
Hue	Adjust hue from 0 to 255								
Volume	Adjust volume from 0 to 255								

3-1.1.2 Event Recording

ltem	Description								
Record	Enable / Disable recording of a channel								
Resolution	Recording resolution selection *2								
FPS	Select recording frame rate from 1 to 30								
Quality	Recording quality from 10 to 100. The larger number means the better quality								
Pre-Alarm	Set the record seconds before the event, from 0 to 5.								
Post-Alarm	Set the playback seconds after the event, from 0 to 100								
Audio	Enable / Disable audio recording of event record of the specified channel.								

Note 2: Different models have different resolution settings

Input Setting		Resolution	
NTSC (DUHD)	3840 x 2160	1920 x 1080	1280 x 720
NTSC (HD)	1920 x 1080	1280 x 720	640 x 360
NTSC (960H)	944 x 480	704 x 480	472 x 240
NTSC (D1)	704 x 480	704 x 240	352 x 240
PAL (HD)	1920 x 1080	1280 x 720	640 x 360
PAL (960H)	944 x 576	704 x 576	472 x 288
PAL (D1)	704 x 576	704 x 288	352 x 288

Universal Series:

Input Setting	R	lesolution
	1080p	1920 x 1080
	720p	1280 x 720
NTSC	nHD	<mark>640 x 360</mark>
	WD1	944 x 480
	qWD1	472 x 240
	1080p	1920 x 1080
	<mark>720p</mark>	1280 x 720
PAL	nHD	640 x 360
	WD1	944 x 576
	qWD1	472 x 288

*The resolution will be varied, without noticed.

3-1.2 Schedule Recording

Schedule recording can configure recording time by days of a week and hour. With the A, B, C, D four settings, users can set different recording scheme according to different configuration needs. In the day and time grid map, select the schedule time zone, and then press A, B, C, D one of the buttons to specify the video settings.

2060/01/82	85:87:18				201	10/01/01	9 95:07	:09									2666/61	1/02 85:	07:69								2.5					1/2,	/200	00
UID: Mode Main Main	_							R	300	OPO	l So	ett	P			-									_		0.1 aw 120 fps	АМС)5	:0)7	:()9	9
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B	CH07					-1				CH	108	3		1							-			-										

Event Setup

Enable or disable motion detection or Sensor function in schedule record.

Namei	Schemel
	Motion Detection
	01 02 03 04 05 06 07 03 09 10 11 12 13 14 15 16 I I I I I I I I I I I I I I I I I I I
	Sensor
	01 02 08 04 05 06 07 03 09 10 11 12 13 14 15 16 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
C	OK Cancel

2000/01/02 05:11	310A	2008/4	1990 (FED 1811)	2000/01/02 05:13:13		1/2/2000
Mode Main			Ramma Sai	ការក	1.0.1 Raw (720	AM05:13:18
Main Bit R Sub F	Name:			Scheme1	kbps (368	
Sub F Sub F Total 2008/07 UID: Mode Main Bit R Sub F	Record Audio Record Pre-Alarm		CHO2 Continuous R C Event Rec 2 2 1 0 2 (● 12345 ★-@#_ ↓.,?	6789 :;() !+/"(
Sub F Sub E Total	Post-Alarm					
	Audio	0	Event Detec	ation		
	Motion Detect					86°C 8.4TB/8.6TB 7%
				Cancel		e E
	CH07			Cancel		
	CHO7		CH08			
	ltem			De	scription	
Na	ame		Change the	e recording name o	of the channel	

3-1.2.1 Configuration

For the rest, please refer to 3-1.1 Continuous Record

3-1.2.2 Holiday Configuration

The number of holiday is up to 50. When the time comes to the specified holidays, the DVR will start recording according to holiday configuration.

Since holidays are different by different country and region, users can setup holidays according to user needs.

			Rees	ard Set	щþ							
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	Continu	ious R	lacord		Sched	ule Re	scond					
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3-2 Event Setup

3-2.1 Video Loss

2000/01/02 05	14:49	2409/01/02	85:14:49		2696701792 05:14:49			1/2/2000
UID: Mode Main Main			Event S	etup		_	1.0.1 Raw (720	ам05:14:49
Bit R Sub F Sub F		deo Loss	Motion Da	atection	System		kbps (368	
Sub E Total	\triangleleft	CHO1	CH02	CHOS	CH04	\triangleright	kbps kbps	
			Setu	P				
	Enable							
8								
2000/03 UID:	Natification							
Mode Main Main			Event He	maller	0	0		
Bit R Sub F Sub F	Log					0		
Sub E Total	Event Record	Disable	Disable 🖂) (Disable) (Disable) (Disable 🖂		
	Popup	Disable 🖂	Disable 🖂	Disable	Disable) (Disable 🖂		
	Popup Channel	CHO1	CHO2	CHOB) (CH04	🖉 (Relative 🖂		
B	Buzzer							
	PTZ	(Disable 🖂	(Disable 🖂	Disable	Disable) (Disable 🖂		
	Co Preset							36°C 3.4TB/3.6TB
	Resume Preset							7%
	Mail to	Receiv	ər Sətup) (Notif	ication Satup			
		0	3	Cane	al			
B	CH07		CHO	8	4			

3-2.1.1 Configuration

ltem	Description							
Enable	Enable / Disable video loss detection function							

3-2.1.2 Event Handling

Item	Description
Log	Write to event log when the video loss event happens.
Event Record	Select channel for event recording when event occurs. The video setup corresponds to the "Configuration \rightarrow Recording Settings \rightarrow Event Video Recording" (refer to 3-1-1-2 Event Record)
Рорир	In the live mode, if video loss of a channel is detected, it will pop up the channel full screen. You can specify a warning window display, 1: the main screen, 2: the second screen.*1
Popup Channel	When an event occurs, pop up the specified channel.
Buzzer	Specify the DVR behavior of whether to activate the buzzer when an event occurs.
Relay	Specify the DVR behavior of whether to activate the relay when an event occurs.
PTZ	Specify the DVR behavior of whether to change to the PTZ control mode to the specified channel when an event occurs.
Go Preset	Moves the camera to the specified preset point when an event occurs.
Resume Preset	Moves the camera back to the specified preset point when an event is finished.

*1 Only for Maya V2 Series
3-2.1.3 Receiver Setup

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	User8									
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	Mail to 🦲	Re	aatvar Se	œp						
	0		000			Car	sel			

Item	Description
Enable	Specify whether the DVR sends e-mail notice to specified us-
Admin / Users	Specify the receiver of e-mail notices

3-2.2 Motion Detection

2000/01/02 05:	17:28	2696/61/8	2/6517/28		2698/61782 (65:17:28			1/2/2000
UID: Mode Main Main	_		Event S	etup			1.0.1 Raw 3720	Ам05:17:28
Bit R Sub F Sub F		deo Loss	Motion De	etection	System		kbps 6368 L fps	
Total	<	CHO1	CH02	CHOS	CH04	\triangleright	kbps kbps	
			Setu	P				
	Enable							
8							4	
UID: Mode Main	Notification							
Main Bit R			Event Ha	mdler				
Sub f Sub F	Log			\checkmark				
Total	Event Record	(CH01 🖂) (CH02 🖂) (CHO3 🖂) (CH04 🛛	Disable 🖂		
	Popup	Disable 🖂) (Disable 🖂) (Disable 🖂) (Disable	Disable 🕗		
	Popup Channel	(CH01 🖂) (CH02 🖂) (CHOB 🖂	CH04	Relative 🕗		
B	Buzzer						4	
	PTZ	Disable 🖂) (Disable 🖂) (Disable 🖂) (Disable 🔤) (Diseble 🖂		
	Co Preset							BGPC BATB/BATB
	Resume Preset							7%
	Mail to	Receiv	er Setup) (Notifi	ication Setup			e i 2
			x	Cana	al			
	CH07		CHO	8				

3-2.2.1 Configuration

ltem	Description
Enable	Enable / Disable the motion detection function of this channel
Sensitivity	The sensitivity value is from 0 to 100. The higher value means higher sensitivity.
Motion Area	Enter to setup motion detection area

3-2.2.1.1 Motion Area Setup

The motion detection has been divided into 22 x18 grids. The default detection area is full screen. The screen is marked in transparent for detection area and grey for disabled area of motion detection.



16 : 9 display

Right click on the screen appears the setup menu.

Advance Setup	АМ05:17:56
1 2 3 4 5 6 7 8 State Lacks Auto Total Mache State Lacks Auto Total Mache State Lacks State Lacks St	
APPLY Cancel	

4:3 display

ltem	Description
CH01~ CH32	Selected channel motion detection function •
Mask Mouse Selection	Switch between "select" and "deselect" for cursor-dragging function
Detect All Area	Select entire screen as detection area.
Mask All Area	Deselect entire detection area.
Apply to All	Apply the current settings to all channels

Exit	To leave and save settings
Close	Close and save the area settings menu.

3-2.2.2 Event Handling

Please refer to 3-2.1.2 Event Handling

3-2.2.3 Receiver Setup Please refer to 3-2.1.3 **Receiver Setup**

		Event	Setup		
Video Loss	Motion S01.	Detection S02	Sensor) (SO4	System
		Set	up		
Enable					
Polarity	(N.O.)	[N.O.) (N.O. 🖂) (N.O.) (N.O. 🖂
		Event H	landler		
Log					
Event Record	(Disable)	(Disable) (Disable 🗸) (Disable) (Disable 🖂
Рорир	Disable)	(Disable) (Disable 🗸) (Disable) (Disable 🖂
Popup Channel	(CHO1	CHO1) (CH01 🗸	CHO1) (Relative)
Buzzer					
Relay		Disable) (Disable 🗸	Disable	
PTZ	Disable 🖂	Disable) Disable ~	Disable	
Go Preset		0 0			
Resume Preset					
Netll 20	Dogothy	a Goûne			
	(wadawa	ณ ราสตราโก			
	(OK		Cance	al	

3-2.3 Sensor

※ Each sensor name can be modified and remotely can enter various languages

3-2.3.1 Configuration

ltem	Description			
Enable	Enable/Disable sensor			
Polority	N.C: Sensor has not been triggered. When connected, sensor will be turned on			
Foldiny	N.O: Sensor has been triggered. When connected, sensor status will be turned off			

3-2.3.2 Event Handling

Please refer to 3-2.1.2 Event Handling

3-2.3.3 Receiver Setup

Please refer to 3-2.1.3 Receiver Setup

3-2.4 System

When the system event occurs, give a notice or warning according to the settings of relay, buzzer, and receiver. If the buzzer box is checked, the buzzer continually beeps for only errors related to the video (such as hard drives can't write or not install the hard drive). The buzzer does not beep when other system events, such as login, log out or boot, etc., occurs.



Item Description		
Buzzer	Specify whether the buzzer beeps when a recording error oc- curs.	
Relay	Specify the relay to be evoked when an event occurs.	

3-2.4.1 Receiver Setup

Please refer to 3-2.2.3 Receiver Setup.

3-3 Camera Setup

Cam	oera Setup
1 2 3 4 5 6 7 Mask	8 9 10 11 12 13 14 15 16
Name:	01
DVR Mode Apply to	o A11
Video Formati PTZ	Auto
🗹 RS-485 🔲 UTC	
C Enable Protocoli	(Polco-D
PTZ ID:	
Baud Rate:	19200
Advance Setup	
(©K	Cancel

Item	Description
Mask	Check the box to Enable/Disable mask function for the camera in the LIVE mode
Name	Channel name
Timestamp	Click on the blue screen to set position of the timestamp.
Video Format	Default is "Auto". Press the drop-down menu to choose a video formats of your camera if the image is abnormal. *Most of the time, automatic video selecting function is working well but few of CCTV camera's video signal is at the margin of error and cannot be recognized easily then you should choose one of video formats manually
DVR access setup	Local "DVR mode" and remote "IP mode" can be selected. *For DUHD is called "DUHD".

Camera Setup	Camera Setup
1 2 8 4 5 6 7 8 9 10 11 12 18 14 15 16 Nazeż Namce C1/101	I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I
BVR Mode Apply to All IP Mode Auto DVR Mode Auto	P Mode DApply to All P Mode DUND Q ONVIP (192.163.3.108) ONVIE
✓ RS+435	Protocial:
Protocol: Palco-D	Porte 80 D
PTZ ID: 1 1	UID: 00:17:4f:12:da:35
Baud Rate: 19200	Usar Nama: admin
	Password: 00000
Advance Setup	Advance Solup
©X Cancal	(XII) (Zancel)

3-3.1 IP Mode Setup

	C	Camera Setup
1 2 3 4	5 6 7	7 8 9 10 11 12 13 14 15 16
🗌 Mask		
Name:	((CH01
IP Mode Remote Connectio	🖸 🗌 Appl on	ly to All
Camera Set:	Q	Empty
Protocol:		ONVIF
10:		
Porti		1
UID		
User Name:		
Password:		
Advance Setup		
	ØK	Cancel

Remote Connection	It must be selected to active IP mode
Camera Set	Searching IP cam or DVR in the same segment of Network
Protocol	Select protocol of IP-based devices. ONVIF protocol is supported
IP	IP address of remote device
Port	Which port allocate in the IP address. Default is port 80 but you sho
	uld change it to the correct one.
UID	P2P User ID number of remote device
User Name	User name of the remote device
Password	Password of the remote device

3-3.1.1 Camera Set

Step 1. Press the magnifier icon to search camera or remote devices

Name:	CHOS	
IP Mode		
🗹 Remote Connec	tion Search Camera	
Camera Set:		
Protocol:	ONVIF	
IP:		
Port:	1	
UID:		
User Neme:		
Password:		

Step 2-1. Protocol : ONVIF (IP CAM Mode)

Please wait awhile, IP CAM in the same network area are going to be added in the t op of sheet and press "+" to add it to the selection list below. Press "reload" sign in t he top right corner to re-search again if there is no device or (a) new added device (s)

	Search Camera			
Protocol: ONVIF				
UID	IP	PORT		
CINVAL® ODECOEDCEDCESCETAT	192.163.8.52	80		(+
CONVER CONCEPTION STREET	102.103.3.5	80		+
CINVLF 00#18#/5#10#/5#02	172,163,3/11	9007		+
0007017 02240450407345604	102.168.3.35	80		
New		2		
Name			PORT	
ODVIF (192406340400)	PIGESG WEIKee		2000	Extilit
00070F (1922-100-107)			2000	
ONVIE (INPLACEADAAA)	ONVER CONCHOURS	192.170.10.111	00	
DXXIF (192403-10-115)	CINUF CORORO 182	102.133.10.115	00	
00070F (1992-193-10-115)	CINVLF COROROGRA	192.153.10.115	80	
00770F (1922.1033.10.99)	COMUF CORORAGE2	192.153.10.99	80	
CDIVIF (1921.193.8.52)	CINYLF CORCHEGEO	192.153.3.52	80	Ex00x
CONVER (1922-193-8-5)		192.133.2.5	80	(B:00):
00770F (192-100-8-85)	COUVER OPERCHERCH-	192.133.2.25	80	[B:(]]:
OINT (LOLADO.A.23)	CINVLF 02aD0a000b	102.130.0.25	80	
	ok)	Cancel		

Step 2-2. Protocol : DVR Mode

Choose DVR protocol from the drop-down menu, DVRs in the same network area to be added in the top of sheet. Press "+" to trigger a "Modify Menu" listed DVR channe Is, and press "+" on the menu to add a channel of remote DVR to the selection list.

	10	DODT		
UID	IP	PORI		
	i pri tristr	80		
Newror		0		1 0 -
Name	UID	IP	PORT	
CRIVIF (192-163-10-103)	GDIVIF 005:2047-7	192416840400	2000	
00090F (492-460-40-4077)	00070F 0055:2080-0	192.160.10.107	2000	(1961163)
CONVER (492-460-40-444)	CDUMUF COROTHOCH2	192.170.10.111	00	(150133)
00070F (4192-4160-40-445)	CONVER COROMOCIES	102.178.10.115	80	(5083) -
CITVIF (19249340445)	CDUMIF CORCHOGRA	101.103.10.113	80	Exifit
007MF (1921-168-10-20)	COPUL COROMARP	102.153.10.20	80	Example -
COUVEF (192,193,8,522)	CDUVIF CORCERCIED	102,153,3,52	80	Ex18b
00770F (1922-108-8-5)		192.133.2.5	60	Takifiki _
00170F (192-100-9-95)	ODVIF 02x0065m4	192.100.0.05	00	(Bellis) _
การบาร สมจริงสถาง 255	TINE (1996)	102.100.0.25		(190110)

Step 3. Press "Edit" icon to modify setting of remote device, such as User Name • Pa ssword • Port • Stream Type...etc.

Protocol: ONVIF	
	Modify Setting
www.w.w.	ONVIF ((192.163.10.103))
unar comensater Protoc	
User N	lame: (admin
Passwo	ərd: (00000
Name IP:	(192.163.10.103
ONVIF (192400-1 POPt:	
ONVIF (1924064) Stream	1 Type Dual Stream
onver generation Main S	iream (Profile 1
ouver (norman Sub Sta	ream (Profile 2
CDIVIF (192.156.8 CDIVIF (192.166.8	
ONVIE (1924106-8410)	
001VIF (41924100-8-255)	00070F 0240040040 4324.100.8.25 00 (800)
	OK Cancel
	Modify Setting
	biodiny codding
Namas	(ONVIF (192,163,10,103)
R	
l'Protocoli	
	(admin)
User Name:	
User Name: Password:	
User Name: Password:	
User Name: Password: IP:	00000
User Name: Password: IP: Port:	00000 (192.168.10.108 1
User Name: Password: IP: Port: Stream Type	00000 192.168.10.108 1 2000 Dual Stream
User Name: Password: IP: Port: Stream Type Mein Stream	00000 192.168.10.108 12000 Dual Stream Dual Stream
User Name: Password: IP: Port: Stream Type Main Stream	00000 192.168.10.108 1 2000 Dual Stream Single Stream

- Dual Stream, also called "Main Stream", is higher resolution video stream from the remote for better video quality.
- Single Stream, also called "Sub Stream", is lower video resolution from the remote for transferring video easily.

Step 4, choose one remote device from the drop-down menu.

	C	amera 9	guip					
1 2 3 4 5	6 7	8	9 10	11	12 1	3 1	4 1.	5 16)
🗌 Mask								
Name:	(CH06						
IP Mode		y to All						
Remote Connection								
Camera Set:	Q	ONVIE	(192,16	8.10.1	1.03)			
Protocol:		ONVIE	(192.16	8.10.	1.08)			
		ONVIF	(192.16	33.10.	107)			
North		ONVIE	(192.16 (192.16	8.10.	111)			
Port			' പ്രവള്ഷംവര് നിര്താപിര്	℅ℒℿℿ⅃	116) 116)			
		ONVIF	(192.16	33.10.	99))			
User Name:		ONVIF	(192.16	38.3.5	2))			
Password:		ONVIE	(192.16	38.3.5)			
		ONVIF	(192.16	33.3	5])			
Advance Setup		ONVIE	(192.16	33.2	5)) 2011			
			. ([192.16	05.3.1(US))			
	0K	- යඟාලාශ්ර		្រភាពេទ្យ				

Step 5, Press "OK" to leave

Name:	(СНОб
IP Mode		v to All
🕑 Remote Connect	lon	<i>u</i>
Camera Set:	Q	(ORN/IF ((192.168.10.108))
Protocol:		Onvif
IP:		192.168.10.108
Porti		2000
UID:		005a204f-740d-3301-ac36-005a204f740
User Name:		admin
Password:		00000

3-3.2 PTZ Setup

2000/01/02 05:21:5	1 2009/01/02 05:22	51	2000/01/02 05:21:51		1/2/2000
UID: Mode Main Main		Camera Setup		1.0.1 Raw 6720	АМ05:21:51
Bit R Sub I Sub I	1 2	3 4 5 6 7 8	3	kbps (368) fps	
Sub E Total	🗌 Mask			kbps kbps	
	Namei	CH01			
p				4	
2069/8:	(DVR Mode				
Mede Main Main					
Bit R Sub F	PUZ				
Sub I Total	🗹 RS-485 📃 UT	C			
	🗹 Enable				
	Protocoli	(Palco-D			
B	PTZ IDe		1 1 >	•	
	Baud Rate:		19200		
			24.00		
	Advance Comm		9600		37°C 3.4TB/3.6TB
	Advance settip		19200		1%
8000	013	Cancel			
	СН07	CH08			

ltem	Description
Enable	Click the box to Enable/Disable PTZ function.
Protocol	Set up the protocol of PTZ cam. The supported protocol are: PELCO-D 、 PELCO-P 、 Merit LiLin 1 、 Merit LiLin 2 、 SAM- SUNG 、 LG-MultixE
PTZ ID	Set up PTZ ID. The valid ID value is from 0 to 255.
Baud Rate	Select Baud Rate of PTZ control protocol from 2400, 4800, 9600,19200



3-4 Account Setup

You can set the user password and permissions of 10 user accounts (1 admin + 10 users). These different accounts gives users different permissions of DVR features.

3-4.1 Administrator

The default admin account and password is "admin" and "123456"

Account Setup	
Admin 1 2 8 4 5 6 7 8 9 10 Image: Stratistic Stratistic Stratic Strate Image: Strate Strate Strate Admin Passwordt Cococco Cococcocco Cococcocco Cococcoccocco Cococcoccoccoccoccoccoccoccoccoccoccocco	

ltem	Description
Enable	Check to activate the user's account.
Expire	Set the expire date of the user account

Name	Set up the username
Password	Set up the password. The password can be mixed of letters and num- bers and is case-sensitive.
e-Mail	Set up user email

3-4.2 Other Users

Annount Satup							
Achuin 1 2	28 46 25 CC	7 8 9 10					
Comentaria Comentaria							
✓ LDores	Plenyfoereds	Berefarro					
Configure	System	C PTZ & Relay					
C (temote		0					
Läzen	Planylonoils	Genelatoryp					
C) createrfightines	C statem	U DADSY 63 DROBEDA					
	K (60)						

Item	Description
Enable Check to activate the user's account.	
Expire	Set the expiration date of the user account
Name Set up username	
Password	Set up the password. The password can be mixed of letters and num- bers and is case-sensitive.
e-Mail	Set up user email

3-4.2.1 Permission

The Account Setup is set to provide individual user role-based permissions, including access to Setup menu, Network operation, PTZ function, Playback, Utility, Backup, Password expiration date and Mask on specific channels while playing back.

ltem	Description			
Console Playback	Allow the permissions to playback channel in local side			
Remote Live & Play- back	Allow the permissions to live monitor/playback channel in remote side			
Console	Allows the permissions to operate in local side (Live, Playback, Backup, Configure, System, PTZ)			
Remote	Allow the permissions to operate in remote side (Live, Playback, Backup, Configure, System, PTZ)			

Console			
Libra	📃 Playback	📃 Backup	
Configure	🗌 System	🔵 piz	
🗹 Remote			
Live	📃 Playback	📃 Backup	
Configure	System	📄 PTZ	

* use of local, remote permissions, respectively, the option must be checked, otherwise it will not work

3-5 Network Setup

2000/01/0	2 (5225) 200/01/01 (5225) 200/01/01 (5225)	1/2/2000
Mode	Network Setup	AM05:22:56
Main Bit R Sub F		
Sub F Sub F Total Total 2000/0 UID: Mode Main Main Bit R Sub F Sub F Sub F	Bandwidth Limited 18 Mbps DHCP Static IP Bandwidth PPPoE Bandwidth Bandwidth	
Total	HUTP DDNS NTP Mail Setup FTP	
	HealthCare (Enable)	
	Apply Kays	37°C 3.4TB/3.6TB
	Apply	
	OK Cancel	
		1 M M M M M M M M M M M M M M M M M M M

Item	Description
DHCP	The DVR retrieves from a DHCP server automatically.
Static IP	Set up a Static IP address of the DVR.
PPPoE	Set up the username and password for PPPoE connection.
3G Setup	Set up the login configuration of 3G connection
HTTP Setup	Set up the HTTP configuration for remote access.
DDNS	Set up the DDNS configuration.
NTP	Set up the NTP configuration
Mail Setup	Set up the mail sending configuration
FTP Setup	Set up the FTP configuration

3-5.1 Networking Setup

There are three ways to connect to the network.

3-5.1.1 DHCP Setup

When DHCP is selected, IP address will be assigned by DHCP server automatically. Notice: The IP address shown in this page is not the IP address obtained from the DHCP server. The IP obtained from the DHCP server is shown in the System Information Page.



3-5.1.2 Static IP Setup

Setup Static IP for network connection, the following information is required.

2000/01/02	05:25:38		3.4TB/3	GTB		2000	/01/02 05	25:37 1/2	2/20	00 A M	05:25:3	7
Mode Main		G	detwork !	Setup								taw 720
Main Bit R Sub I												1ps bps 368
Sub F Sub E Total	Bandwidth Limita	ed Chatte	0.00	6			8	3		agdk		fps bps bps
		Statue		626	~[~@L	5			96			
2000/05	0028		L	192	٥	163	a	10	a	101	J	
UID: Mode	Subnet Mask:		(255	a	255	a	255	٥	0		
Main Main Bit R	Cateway:		(192	a	163	a	10	a	11		
Sub I Sub F Sub E	DNS		(8	a	8	a	3	a	8		
Total												
	HTTP	DDNS	NTP	>	Me	il Sofu	P	(9TP			
	🗹 Emable											
	Ports								1 6	30 0	9	
	HealthCare								දිගතල	le		
	Apply Kays											
									Ap	ply		
		210		-	Cen	real						
R	CH07		CHO	3							_	

ltem	Description		
Enable	Enable / Disable Static IP function 。		
IP	Enter the static IP address provided by ISP		

Subnet Mask	Enter IP address of Subnet Mask provided by ISP
Gateway	Enter IP address of the Gateway provided by ISP
DNS	Enter the DNS address provided by ISP.
	(Note: The correct DNS address must be entered for DDNS function).

3-5.1.3 PPPoE Setup

Select PPPoE for network connection, the following information is required.

2000/01/02 Mode Main Main Bit R	12 (6526)(88)	3.4 Netw	TB/3.6TB /ork Setup	2000/01/02 05:25:08	L/2/2000 AM 05:26:07 Rav (72) 101 105 105 105 105 105 105 105
Sub F Sub F Sub T Total 2000/0: UID Mode Main Main Bit R Sub F	Bendwidth Limited] Static IP		oe	
Sub I Total	HTTP Enable Port: HealthCare Apply Key:	DDNS	NTP M	lail Setup	
		OK		ancel	
8	CH07		CH08		

Item	Description
Enable	Enable / Disable PPPoE function 。
User	Enter user name provided by ISP
Password	Enter password provided by ISP

3-5.1.4 3G Setup

Using the USB 3G dongle to access the network

PS: only specific chip of 3G dongle is supported and the 3G dial-up features may not be compatible to some ISPs.

		Matawark Se	ດໃນໄຫ		
🗌 13කොශ්භන්ත්වඩා (ධ්යාවයියට			8	🗸 aqdM
93000	30a	10 AU 20	Roqual	2	36
🗌 Emable					
Dial Numbers	8				
PORG					
/AUP07038					
WARR					
Passwords					
91rttll	DDDMS	থায়ায়	Mail So	ഭവം	PTP)
🗹 Enable					
Ports				1	80 >
	(OK		Cancel		

Item	Description
Enable	Enable / Disable 3G function.
Dial Number	Dial-up Number, offer by the ISP
PIN	Enter SIM card password
APN	Enter "internet" or other value offered by the ISP.
User	Enter ISP username
Password	Enter ISP password

3-5.1.5 Bandwidth Limited

2009/01/02 (UID: Mode Main Main Bit R	5126149	3.4T Netwo	B/3.6TB ork Setup	2000/01/02 05:25:49 1	/2/2000 AM 05:26:	49 1.0.1 Raw (720 1 fps kbps
Sub F Sub F Sub E Total 2009/0: UID: Mode Main Bit R Sub F Sub F Sub F	Bandwidth Limited DHCP Enable User: Password:	Static IP			Mbps St Kbps Mbps	C368 1 fps kbps kbps
	HITP Enable Ports HealthCare Apply Keys	DDNS	NTP Mai	<u>I Setup</u>	FTP (1 30 >) (Enable >) Apply	•
	CH07	ok [1]	CH08			

Option	Description
Bandwidth	Range : 1~9999
Limited	Kbps 🔨 Mbps

HTTP Setup

2000/01/02 UID: Mode Main Bit R	95128126	3.4TB Networ	/3.6TB ²⁴ rk Setup	^{88/61/02} 95128-26 1/2/2000 AM 05:2 :	8:26 1.0.1 Raw 3720 1 fps
Sub F Sub F Total	Bandwidth Limite DHCP Enable IP:	d Static IP	PPPoe	3) (Mbps) 36	(368) fps kbps kbps
Main Bit R Sub f Sub f Sub f Total	C HITP C Enable	DDNS N	TP Mail Sat	up FTP	•
	Ports HealthCare Apply Key:			(1 30) Enable v Apply	
	СН07		Cancel		1

Item	Description
Enable	Check to enable HTTP server. Users can remotely access into the
	DVR over the network if the HTTP function is activated.
Port	Enter a valid port value from 1 up to 65535. The default value is 80.
Apply Key	Input P2P Access Key for P2P

3-5.2 DDNS Setup

	DV.	latwork Sat	up)			
🗹 Bandwidth Lin	180æci			8) Mibps	D
DHCP	Static I	P	PPPDE		36	
in the second se						
	DIDINIS	RTP	Mail Setu	ip	FTP	
🗌 මාන්ඩාශ						
Sarvars		(a)yı	ഭിനങ്കും.			2
600068		Gg2-	dins.com			
Wears		870 870	16[118-0013			
Paseword:						
(ØK		Cancel			
		<u> </u>				
Serveri			-CINS-COM			
Host:		C	DSCCD.ez-d	NS-CO	ത	
Useri						
Password:						

Serveri	(I-dyr.net
Host:	CFD5CCD.i-dvr.net
User:	
Password:	

Item	Description
Enable	Enable / Disable DDNS function.
Server	Enter the registered DDNS Server: ez- dns.com 、i-dvr.net 、dyndns.org
	ez- dns.com < i-dvr.net Supports automatic assignment DDNS
	When these two DDNS service,
	The system will automatically bring up to C + DVR Mac Address last six yards at the beginning of a host site,
	Such as the Mac end of the six yards of FD5CCD,
	Then bring out the host site at CFD5CCD.i-dvr.net or CFD5CCD.ez-dns.com
Host	Enter the full DDNS address.
	(Including username + Server)
	If the user name is h.264 and you choose i-dvr as your server, you should en-
	ter: h.264.i-dvr.net
User	Enter user name.
Password	Enter password.

*For more detailed I-DVR.NET operation instruction, please refer to appendix I $\sim II$

3-5.3 NTP Setup

Setup he feature of network time synchronization.

	Network	s Satup			
🗹 Bandwidth Limit	පත්	0	8	Mbps	
DHCP	Static IP	PPPOE		36	
🗌 මාත්වේශ					
- (907078)	DIDINIS INT	12 Mail Sa	জায়্য	FTP	7
					-
Automatically	3ynahroniza				
🗌 Automatically Update interval (()	Synchronize (ouns)):			2243	
 Automatically Update interval (! Server: 	Synchronize lours):	vആക്ഷിസമന്ത്രി)		243	
 Automatically Update interval (I Server: 	Synchroniza louns): Opelete	(timeist.gov Now		240	
Automatically Update Interval () Server:	Synchroniza louns): Opdate	(timeist.gev New)		2243	
Automatically Update interval (! Server:	Synchronize lours): Update	veg sala amb)		2243	

Item	Description
Automatically Synchro-	Check to enable DVR automatic synchronization function
nize	when rebooting
Update Interval (Hours)	Setup interval for time synchronization
Server	Setup time server address

3-5.4 Mail Setup

The Mail Setup tab controls the email-sending configuration when the DVR needs to send email to specified users.

	Nativari	: Safup	
🗹 Bandwidth Limita	ෂ්		Mbps 🕞
DHCP	Static IP	PPPOE	36
🗌 Enabla			
	DDNS Nu	P Mail Setup	FTP
- Endble			
Sugur Server:		25	D aar
Weers			
Passyords	(
Sender's e-Mails			Test:
	OK)	(Cancal)	

Item	Description
Enable	Check the box to enable/disable E-mail Notification function
SMTP Server	Set up SMTP Server name and port
User	Enter to set up the username.
Password	Enter to set up the password.
Sender's e-Mail	Enter to set up e-mail address of the sender.

3-5.5 FTP Setup

Naturark Satup					
🗹 Bandwidth L	භාවයක්		0	8 D Mbps	D
DHEP	Static	90	Dogad	20	
🗆 Enable					
- C HTTP	DDNS	NTP	Mail Setu	P FTP	
🗌 Enable					
Server:				21	
Users					
Passyrords					
Directorys					
	(0x		Cancel		

ltem	Description
Enable	Check the box to enable/disable FTP function
Server	Set up FTP Server name and port
User	Enter to set up the username.
Password	Enter to set up the password.
Directory	Upload FTP directory path

3-6 Storage Setup

3-6.1 HDD Setup

HDD			
🗌 Video Preservation	n ((Hours))		24
Model	Status	Attribute	Free/Capacity 🔨
ST4000VM000-1F31	Recording	Overwritable	27.4GB/3.6TB
			∇

X Click the status bar to change the attributes of the hard disk

Video Preservention	ന് ന് പ്രത്യം പ		28 0
Model	Status	Attribute	Eree/Capacity
ST4000VIM000-1F81	Recording	Overwritable	28.065/8.6TB
Format			
Format			
Ovarwritzbla Writzbla			USB 1915K 2.0
kead-Only		Þ	2.365/3.763
DVD-RW			
Models			Unplugged
Madia Types			No Disc
00			

Item	Description
Video Preservation	Setup the video preservation period. Recorded video will be de-
(Hours)	leted automatically after expiry of preservation period.
Model	Display HDD model
Status	Display HDD status (Recording/Error)
Attribute	Display HDD Attribute (Overwritable/Writable/Read-Only)
Free/Capacity	Display HDD capacity (Free/Capacity)
	Check the hard disk drive and press "Format", there are four op- tions to set the HDD.
Format	Start Format HDD DVR. Status bar "successful" HDD initialization! Enter the menu, there will be all of the hard disk information (model, capacity).
Overwritable	Set the hard disk to be replicated state will start to overwrite the hard disk is full.
Writable	Set the hard disk as writable state, after the hard disk is full stop writing.
Read-Only	Set the hard disk is read-only, read-only cannot be written to the hard disk.

3-6.2 USB Flash Derive Setup

Free/Capacity:

Unplugged

0.0MB/0.0MB

Item	Description	
Model	Display USB flash drive model	
Free/Capacity	Display USB flash drive capacity (Free/Capacity)	

3-6.3 DVD-RW Setup

Free/Capacity: 0.0MB/0.0	MB
Media Type: No I	Xsc
Model: ASUS BW-12B	157
DVD-RW	

ltem	Description
Model	Display DVR-RW model
Media Type	Display disk type
Free/Capacity	Display DVR-RW capacity (Free/Capacity)

3-7 System Setup

RHD Series:

System Setup			
DVR Names DVR 1	(KCH)		
Languagas (Englis	la 🖂		
Video Format Detections	PALann		
Auto Lock			
Endble			
Thursout (See	6 60)		
Auton Raik RTTSG			
Tisabla IPAN.			
Bivery Wer			
idata/Tima Satup idual Ma	anapiliquidi) mania		
(quiez taliaely)			
Input Satup			
(Udlity			
	anasi)		

HHD Series

System Setup			
DVR Neumer	DVR 20CH Hybrid Pro		
Languaga:	English		
Video Format Detection:	PAL		
Auto Lock			
🗌 tanalole			
Timecont (See	600		
Avres Rela			
🗹 Disable 🗹 PAL			
Date/Time Setup D	dual Monitor: (HDMI(1) VCA(2) 🖓		
Monitor Setup			
Input Sctup			
	(Camaal)		

960H Series

System S	Setup
DVR Names	(DVR 16CH
Languages	English
Vidac Formet Detaction:	PAL 960H
Auto Lock	
🗌 Enable	
Timcout (Sec	60 >
Auto Rel: ONTSC	O NT3C 960H
🗆 Disable 🛛 PAL	🗹 PAL 960H
Every Day	
Date/Time Satup	
Monitar Satup	
Input Satup	
Utility	
	Canacal

Item Description			
DVR Name	The name of DVR to be shown while users login from remote site.		
Language	Specify the OSD language.		
Video Format Detec-	Specify the format of video signal (auto-detect, NTSC, PAL). The		
tion	configuration requires DVR reboot to take effect		

3-7.1 Auto Lock

Item	Description
Enable	Enable / Disable Auto Lock
Timeout(Seconds)	Set the number of seconds to wait. It there is no action, the panel will be automatically locked and the DVR logs out current user. When DVR logs out automatically, it only supports basic opera- tions, such as picture freezing, picture, zoom, and auto switch channel, screen-split. To enter the setup menu, search menu, backup menu, status query, playback, and other operations, users need to input the username and password to login in. Available timeout value is from 10 to 9999 seconds

3-7.2 Auto Reboot

Item	Description			
Disable	Enable / Disable Auto Reboot.			
Every day	Setup the time of daily auto-reboot.			
Every Week	Setup the time of weekly auto-reboot.			

3-7.3 Date/Time Setup

distant aus	a and a second second	15.168/8.618	9/10/2013 PM 04:24:1	.6
		System Satup		
-	DAVIS Mountain	(RHD-1.613		
	Time Formets	[PM 03:228:51		
	Data Formats	9/19/2018		
	Timezona			
	 Daylight Saving Times 			
EB I				4
2(1).0				
4445	(ධානාලය වන්න නගේ 700	ng		•
		ana) (Xia		
- L	L Wallay	J		
8	HD13 💌 🖽 H	D14 🔍 🔚 HD15	HD16	

Item	Description			
Hour Format	12HOURS/ 24HOURS			
Date Format	MM-DD-YY/DD-MM-YY/YY-MM-DD			

3-7.3.1 Time zone

Item	Description				
Time Zone Setup	Set up the time zone of the DVR, from GMT - 13 \sim GMT+ 13 $_{\circ}$				
Daylight Saving Time	Enable / Disable Daylight Saving Time				

3-7.3.2 Daylight Saving Time Setup

	Stystem Setup						
	DVR Reasons	(RHD 1612					
	Time Fermatz	(PM 01:21:88					
	Eleales (Peoraneals)	(a/na/zanz					
	Timezona						
		000 >					
	🕑 Daylight Saving Vince						
	Desgloundongs						
	lamuary 🔾 1.s	t 🖉 Sunday 📝 (AlM) 🖉 💷 🗸					
	Boodbogs						
	(lanuary) (1ø	t 🕜 Stunday 🖓 (Alta 🗸 (000 🖓					
	(කිහොලය බහයිය හාග් Time	Žana III III III III III III III III III					
	800	(Gameral)					
Ľ	L Wohlday	à]					
	200	cancel					

Item Description				
Beginning	Setup the beginning time of Daylight Saving Time.			
Ending	Setup the ending time of Daylight Saving Time.			

3-7.3.3 Change Date and Time

Setup date and time of the DVR.

			Syst	em Set	TP				
DMR Nerroes				ſ	11.236	DVR			
Time Formats Data Fermats	(July	Reference	າງໃນກອງ	loow?	10hm	231	20		
(MIMTIT-0-)	1	2	2	4	3	G	7		
Deylight S		g	20	22	12	12	2.4		
	15	16	27	13	19	20	21		
	22	2283	22/3	23	23	27	28		
	29	80	161						
	6	i i							
Changa	0	006 0		81 0	8	400	5		
		200			G	iennoscal)			
	1057								_
0		2100			C.	amaal)	

3-7.4 Monitor Setup

This feature is only support "Maya v2" series models.

Users have to decide which one is the main screen, which is the second screen. In the setting can be used when there are three configurations.

In duplicate mode, both monitors display the same content.

In the HDMI (1) VGA (2) mode, HDMI will be the screen 1, VGA will be the screen 2. In VGA (1) HDMI (2) VGA mode, VGA will be the screen 1, HDMI will be the screen 2. BNC output terminals are the same as with the contents of a screen 1.

Screen 1 and Screen 2 output can be set separately in the upper left corner of the scr een will show the current number.

System Setup						
DVR Name:	[RHD-1612					
Languaga:	Cinglish					
Video Format Detection:	(NTSC)					
Aato Look						
🗌 Emable						
Timeout (Seconds):	3333 >					
Autim Balanat						
C Rivery Week Sur						
(Date/Time Setup)	Dual Manitar: (Duplicate					
(Meniter Setup)	Duplicate					
(Input Satup)	HDOMU(1) VCA(2)					
(Walling	Country Internation					
20	Cancel					

VIDEO LO	43.76b/46	S.BGB 11/7/	2016 AM 06:31:01
		DUHD 5MI	
1 2 8 Resolution: 8840x2160 Border Color: #FFFFF United: 1 Image: State of the state	SS		OSS
		o DUHD 3MI	

Monitor setup

ltem	Description
1 • 2	set the main screen (1), the second screen (2) screen display setup
	menu
Resolution	selection screen resolution
Border Color	Set the color of border
Luminance	Setting brightness, from 0 to 100.
Contract	Setting screen display color contrast, from 0 to 100.
Saturation	Setting screen display color saturation from 0 to 100.
Hue	Tone color tone setting screen displayed from 0 to 100

Administrators can set up two separate configuration screen, you can display a live view screen contents, and another replay content. When managers are controlling them one screen, in the upper left corner of CH1 have a mouse icon appears. To switch between the two screens, you can press the shortcut bar dual screen switching button.

10		a 0 🕫	0 C 5 ·	5/29/20	13 PM 04:11:27
	VIDEO LOSS	VIDEO LOSS	Spapshot	VIDEO LOSS	VIDEO LOSS
	Н СНО2	Е СНОЗ	СНО4	E CH05	Е СНОБ 🚮
VIDEO LOSS E CHO7	VIDEO LOSS	VIDEO LOSS El chos M	VIDEO LOSS El CH10	VIDEO LOSS E CH11	VIDEO LOSS B CH12
VIDEO LOSS El Chis K	VIDEO LOSS	winer	1066	VIDEO LOSS E CH15	VIDEO LOSS El CH16
VIDEO LOSS E CH17	VIDEO LOSS	CH		VIDEO LOSS	VIDEO LOSS
VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS E CH24	VIDEO LOSS El ch25	VIDEO LOSS El CH26
VIDEO LOSS El CH27	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS El CH30	VIDEO LOSS	VIDEO LOSS

3-7.5 Input Setup

The Input Setup allows users' setup input device (Key Tone, Remote control, Panel, Mouse, Keyboard, Touch screen).

🗹 Kay Tong	
IR Panel Mous	e Keyboard Touch Screen
Inable Inable	
ULS ULDR	
Test	
Pressed Keys	
210	Cancel

ltem	Description
Key Tone	Enable / Disable Key Tone.

3-7.5.1 Remote Control Setup

🗹 Kay Tana	
IR Panel Mouse Keyboard To	uch Sarcan
🗹 Enabla	
IR ID:	0. 1000
	0.1000
	1. ICO1
Test	2. IG02
Broccord Marm	3. ICO3
Preset key	4. 1004
(OK) (Cancel	

ltem	Description
Enable	Enable / Disable remote control.
IR ID	Default ID is 0. DVR is controlled by standard remote control; For one to many remote control, remote control on the number corresponding to the DVR numbers (DVR1 \rightarrow IC01, DVR2 \rightarrow IC02).
Test	Enable / Disable test function.
Pressed Key	Display pressed key information.



🗹 Key Tong
IR Panel Mouse Keyboard Touch Screen
L'Ist
OK Cancel

Item	Description
Test	Enable / Disable panel button test function.
Press Key	Display information of the pressed key.

3-7.5.3 Mouse Setup

	🗹 Kay To	ng						
1		IR	Panel	Mouse	Keyboa	rd Te	ouch Screen	
	Speed:			Ģ		0		
			OK	3		Cancel		

ltem	Description
Speed	Setup the mouse cursor speed. The right side of the slider means faster mouse speed. (Only valid for local configuration)

3-7.5.4 P	TZ Keybo	ard Setup
-----------	----------	-----------

IR Panel Mouse Keybourd Touch Screen
RS-485 ID: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 Test Pressed Key:
OK Cancel)

Item	Description
RS-485 ID	RS-485 ID, valid values range from 1 to 64
RS-485 Baud rate	RS-485 Baud rate from 2400, 4800, 9600, 19200
Keyboard	Select PTZ Keyboard
Test	Enable / Disable keyboard test function
Press Key	Display press key information

3-7.5.5 Touch Screen Setup



Users can calibrate the touch screen which needs recalibration.

3-7.6 Utility Setup



Item	Description	
Export Configuration	Export DVR configuration to a USB flash drive or a remote PC.	
Import Configuration	Import configuration from a USB flash drive or a remote PC to DVR.	
Reset Configuration	Reset system configuration.	
Export Logs	Save DVR system log to a USB flash drive or a remote PC.	
Clear Logs	Clear all DVR system log.	
	Upgrade DVR firmware through a USB drive.	
	Please stop recording and backup DVR configuration before up-	
Upgrade Firmware	grading	
	System will reboot automatically when the upgrade is done.	

3-7.6.1 Export Configuration

There are several options for target storage of DVR configuration.

a. Export to a USB Flash Drive: The default filename is "dvr.cfg"



File Name:	(এখr	
File Type:	(Config Files (*.cfg)	
	OK Cancel	\searrow

Export configuration success			
©K			

b. Save *.cfg as PC



3-7.6.2 Import Configuration

Import configuration to the DVR from a USB drive or a remote computer.

a. Import from USB Flash Drive: Import the configuration from a USB flash drive.

	Import Configuration		
	Import from USB Flash Drive		
_	Opan		

File Name:		
File Type:	(Config Files († cfg)	
	OK Cancel	2

Are you sure to import configuration?				
Ygs	No			

Import configuration success			
	OK		

b. Open *.cfg from PC



3-7.6.3 Reset Configuration

Reset the DVR to default settings.

System Setup			
DVR Name: RHD-1613 Language: English Video Format Detection: NTSC			
Auto Lock Expert Configuration Snable Import Configuration Timeout (Secon Reset Configuration Auto R Are you sure to reset system configuration?			
Success to reset system configuration			

3-7.6.4 Export Logs

a. Export to USB Flash Drive: Export logs to a USB flash drive. The default file name is "log.csv"

	ixport Logs		
Export to USB Flash Drive			
Serve as			
File Name: File Type:	Iog (CSV Files (*.esv)) OK		
	Export logs success		

b.Save *.csv as PC

1	Export Logs)
	Export to USB Flash Drive]
	Save as	ŀ

3-7.6.5 Clear Logs

Clear the system logs.

System Setup					
DVR Names	(0	1HD-1613			
Languagas	(1)	malish			
Wideo Format Detection	08		RITSC.		
Auto Lock	m 0.00 09				
C Enable	Expert Configur	10000			
Timeout (Secon	Import Configur	10000			
	Reset Configure	10000			
Auto R A	re you sure to clear	system logs?			
🗹 Disable	Yas) 🧲	No			
Byggy Day					
🗌 Bvary Waals	Upgrøde Firmv	7607@	8) 8 (((())		
(Close				
	-)				
	P				
wanay					
	ok (Concel			
	©K				
	System Los	33			
Calcarla			0		
Date/Time	Event	User/Dr	tails		
 2018/09/10 15:17:08 	Glear Logg	(endontion)			
3-7.6.6 Upgrade Firmware

Notice! DO NOT TURN OFF POWER OR UNPLUG USB DEVICE DURING THE UPGRADE because that may cause incomplete firmware upgrade and damage the DVR.

a. Upgrade from USB Flash Drive...: Choose the firmware from USB flash drive to upgrade





b. Upgrade from PC : Choose the firmware from PC



3-8 System Information

	Cipciciai		
DVR			
Klodals		1.663	HID-SIDI IPRO () RUTSIC)
Wearnstleems	2.01.5375_20012009009		
Network			
0.28			122.163.5.67
DOPOCE B			001170370001555031
HIDID			
Recording Scheme:			Continuous Record
Model	Status	Attribute	Free/Capacity /
1. ST4000VM0000-11F81.	Recording	Overwritzble	15.1CC/S.CTB
		C	

3-8.1 DVR Information

ltem	Description		
Model	DVR model name and video type		
Version	DVR firmware version		

3-8.2 Network Information

ltem	Description
IP	DVR IP address If there is no network connection, it will show "Network is not con- nected.
MAC	The DVR MAC address

3-8.3 HDD Information

ltem	Description
Recording Scheme	Display installed HDD recording type
Model	Display installed HDD model
Status	Display installed HDD recording status
Attribute	Display installed HDD attribute (Overwritable/Writable/Read-Only)
Capacity	Display installed HDD capacity (Free/Capacity)

3-8.4 S.M.A.R.T Information

	System	Information		
DVR				
Model:		16C)	{ HD-SDI Pro (NTSC)	
Version:			2.0b56_20130909	
Network				
0128			192.163.3.37	
MACE			00:17:4F:0C:35:41	
Recording Scheme:			Continuous Record	
Model	Status	Attribute	Free/Capacity /	
1 ST4000VM000-1F31	Recording	Overwritable	20.2GB/3.6TB	_
				7
		S.M.A.R.	I. Information	
		Close		6

ID	Value/Worst/Threshold	Raw	
01 Raw Read Error Rate	112 / 99 / 6	44392824	
OS Spin Up Time	93 / 91 / 0	0	
04 Start/Stop Count	100 // 100 // 20	130	
05 Reallocated Sector Count	100/100/10	0	
07 Seek Error Rate	76 / 60 / 30	47808642	
09 Power-On Hours Count	100 // 100 // 0	793	
0A Spin-up Retry Count	100 / 100 / 97	0	
OC Power Cycle Count	100 // 100 // 20	130	
B8 Unkown	100 // 100 // 99	0	_
BB Unkown	100 // 100 // 0	0	

ID	Value/Worst/Threshold	Raw	
BC Unkown	100 / 100 / 0	0	
BD Unkown	1/1/0	420	
BE Unkown	66 / 56 / 45	706674722	
BF G-Sense Error Rate	100 // 100 // 0	0	
CO Power-Off Retract Cycle	100 / 100 / 0	130	
C1. Load/Unioad Cycle Coun	t 100/100/0	130	
C2 HDA Temperature	34 / 44 / 0	98784247842	
C5 Current Pending Sector (Count 100/100/0	0	
C6 Uncorrectable Count	100 / 100 / 0	0	_
C7 WARDMA CRC Error Ref	3 200 // 200 // 0	0	$\neg \vee$

REMOTE SOFTWARE INSTALLATION and SETUP

The DVR allows users remotely access and control the DVR from a PC by \lceil iWatchDVR \rfloor or IE v6.0 or above.

3-9 Application Software Connection

Step 1 : Enter the IP address of DVR in IE browser.



Step 2 : Windows as below will show up. Please enter the user name and password. Default user name and password is **admin/123456**. Other related setup about user account and password, please check the section **"Account Setup**."

Windows Security				
The server 192.168.100.123 at DVR requires a username and password.				
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).				
admin Remember my credentials				
OK Cancel				

Step 3 : Click on the link "**iWatchDVR for Windows XP/Vista/7/8**" to start downloading the AP software.



Step 4 : The program can be run directly, or save the program to the remote PC and execute later. If you choose to run the software, Start window will be shown up. Please enter information of login DVR: IP, Port, Username and Password.

Do you want to run or save iWatchDVR.exe (399 KB) from 192.168.100.123?					
	Run	<u>S</u> ave	-	<u>C</u> ancel	

	Host:	192.168.100.123	
	Port:	80	
	User:	admin	
	Paseword:	•••••	
		Connect	
- N.	1	Land Land	



The drop-down menu can be used to record IP address. Press "Clear" to clear IP address. Step 5: You've logged into the DVR



3-10 IE Connection

Step 1 : Enter the IP address of DVR in IE browser. The address appeared in this image is only for demonstration. Actual address is depending on the setup of on-site DVR



Step 2: Windows as below will show up. Please enter the user name and password. Default user name and password is **admin/123456**. Other related setup about user account and password, please check **"Account Setup**." The user name and password appeared in this image is only for demonstration. Actual user name and password depend on the setup of on-site DVR.

Windows Security	×			
The server 192.168.100.123 at DVR requires a username and password.				
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).				
	admin •••••• Image: Remember my credentials			
	OK Cancel			

Step 3 : Click on" iWatchDVR for Internet Explorer 9/11 ".



p.s. There will be IE connection security issue when clicking this link for the first time. Please refer to index III for Remote Monitoring IE ActiveX Control Installation Instruction.

C- C X @ WatchDVR1116 X					
	aners a c e	12,890/	981.5GB	9/12/20	13'PM 04:51:11
	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS
	🖪 СНО2 🌌	🖪 сноз 🛃	🖪 СН04 🚺	🖪 сноз 🌌	🖪 сноб 🌌
Shieline i	aria texte	DOMONIA D	Neering K	1093 2.00 F. 6	orbien in c
VIDEO LOSS	WIDEO LOSS	VIDEO LOSS	VIDEO LOSS	WIDEO LOSS	VIDEO LOSS
🗄 СН07 🚺	🖪 снов 🌠	🖪 сноя 🌠	🖪 сн10 📶	🖪 сн11 🚮	🗄 ен12 🏹
MIL 1971	and a second second	2010/02/12 15 51:11			and the second second
VIDEO LOSS	WIDEO LOSS			WIDEO LOSS	WIDEO LOSS
Е СН13 🖪	🗄 СН14 🔣	WINCO	1000	🖪 сн15 🜌	🖪 сн16 🖪
PARTICIPAL	denner.	Remen	ruaa		and a second
VIDEO LOSS	VIDEO LOSS			WIDEO LOSS	WIDEO LOSS
Е СН17	🖪 СН18	🖪 сн	101 🛃	📔 CH19	🖽 СН20
SARCELLAS	19.65°CB X 8	Senero actor :	STROAT AND S	N MATTE S N	101 B 21 B 10 C
VIDEO LOSS	WIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	WIDEO LOSS
Е СН21	🖪 СН22	🖪 СН23	🖪 СН24	🖪 СН25	🖪 СН26
PERSONAL PROPERTY	and the set	(montheast)	Alexandra a	COURSE STREET	(MAA 8 10)
WIDEO LOSS	VIDEO LOSS	VIDEO LOSS	VIDEO LOSS	WIDEO LOSS	VIDEO LOSS
Е СН27	🗄 СН28	E CH29	Е СНЗО	🗄 СН31	Е СН32

Step 4 : DVR images appear. • Default is 4:3 display.

Table 3-10.1 System Requirements

CPU	Intel Core 2 Due above
OS	Microsoft Windows 7, Windows Vista, Windows XP SP2 above
RAM	4G above
VGA Card	Needed to support DirectX9.0 (Above) Note 1
Anti-virus soft- ware (firewall)	The TCP destination port 80 should be available.
Others	DirectX 9.0 above

Note 1:

Known VGA card that support DirectX9.0 currently:

NVIDIA: GeForce FXseries, GeForce 6series, GeForce 7series, GeForce 8series, GeForce 9series, GeForce 200series, etc.

Or visit: <u>http://en.wikipedia.org/wiki/Comparison_of_Nvidia_graphics_pro-</u> cessing_units

- ATI: Radeon R300series, Radeon R400series, Radeon R500series, Radeon R600series, Radeon R700series, Radeon HD 3xxx IGPseries, Mobility Radeon series (9500 above), Mobility Radeon X series, Mobility Radeon HD series, or FireGL V series etc. Or visit: <u>http://en.wikipedia.org/wiki/Comparison_of_ATI_graphics_processing_units</u>
- SiS: SiS 67Xseries, or SiS 77Xseries etc. Or visit: <u>http://www.sis.com/support/support_compare.htm</u>
- Intel: 91Xseries, 94Xseries, 96Xseries, G3Xseries, or G4Xseries, etc. Or visit: <u>http://en.wikipedia.org/wiki/Intel_GMA</u>

3-11 APP Software Connection (Android for example)

1. Go "Google Play" or APP store (iOS) to download the "SoCatch".

2. Press the "New" icon in the upper right corner to add a new connection.

 Give a Name of this connection and input network address port (default:80) Username (default : admin) and Password (Default : 123456), or press "Lan Search IP" to search DVR/IP CAM IP in the same network.

4. Devices in the same network segment are going to be found and you can pick one of them but only the device which Swift Connection supported can be show on the screen.



5. Multiscreen can be chose in Live view

6. Video quality \rightarrow mute and unmute audio

7. Searching by Time or Log files

8. You can search by time or event (log type) in the log search.



9. Highlights in the monthly calendar are those days which has video recording. Pick one of them and choose a start time to watch the recording.

11. Mute and unmute the audio

12. Multiple screen selection

Time Search

< 10月 2016 > > 週日 週一 週二 週三 週四 週五 週六

17 18 19 20 21

23 24 25 26 27 28 29

13 14 15

<

2 3 4 5 6 7 8

9 10 11 12

16

30 31

H

Pause

Π

. . . 4

CH04

•

CH04

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T

22

CH04

O

22

- 13. Choose a section of the recoding and back it down to your device
 - i. Mark In/out : Press "Mark In" to set start time and wait for a while then press "Mark Out" to set stop backup time.
 - Go Backup : After setting duration and channel, press "Calculate" key to calculate required space, then press "Download".
 *Note: DO NOT execute another application program during backup download.



K Backup	
uration	
tart Time	
nd Time 1161017_230634	
uration	0 minute(s)
ackup Channel	
hannels	
ackup Space	
ackup Space ystem Free Space 15731.539 MB	
ackup Space ystem Free Space 15731-539 MB equired Space	
ackup Space ystem Free Space 15731 539 MB equired Space Calculate	



14. Other settings, such as PTZ
 Relay
 Zoom...etc.

15. Status : Status of each channel

16. Backup list : All the backup files should be listed on the backup list. Press any file on the list to execute the file.

Backup Files 192.168.3.7_CH04_20161101_1 28 192.168.3.7_CH01_20161101_09 5225.mp4 27158 192.168.3.7_CH02_20161101_09 5225.mp4 263397 192.168.3.7_CH03_20161101_09 5225.mp4 263397 192.168.3.7_CH05_20161101_0 95225.mp4 257425 192.168.3.7_CH06_20161101_0

3-12 P2P Connection Setup

How to Setup

- 1. On your DVR/IVR, please go to Network Setup page: Main control panel => Configuration => Network Setup
- 2. On lower part of Network Setup page, please input P2P Access Key for P2P and press Apply button.

		Network Set	цр			
📃 Bandwidth i	limited		1	8) (Mbps	3 🔾
- DHCP	Static	e IP	PPPOE		36	
🗹 Enabla						
HITTP	DDNS	NITP	Mail Setu	10	FTP	7
HTTP	DDNS	NTP	Mail Setu	ip	FTP	
HITP Cable Port:	DDNS	NTP	Mail Sofu	ip	FTP)
HITP Incble Ports	DDNS	NTP	Meil Setu	Ip	FTP	
HTTP Inable Porti	DDNS	NTP	Mail Setu		FTP	
HIMP Enable Ports Apply Kays		NTP MIRGIRBZ1K	Mail Satu Wew21877 Monit		FTP	
HTTP Rable Ports Apply Keys	DENS	RITP ClrG(FRB201X	Mail Satu WPW2.57 MQI		FTP 1 30 Apply	 ₽

Please press OK button on lower part of Network Setup page and return to Configuration level.

 Please go to System Information page: Main control panel => Configuration => System Information

DVR			
Model:			SCH (NTSC
Version:			2.0557_2013111
Network IP: MAC:	ອດທອງອາກອອກ		192.163.3.19 00:17:47:29:38:0
CHIDD -	201000000000000000000000000000000000000	NERTABETE (SERVER) FRA	
Recording Scheme:			Continuous Reco
Model	Status	Attribute	Free/Capacity

Under Network tag, you can find QR code, access key and expiry date for P2P feature.



For computer use, please login iWatchDVR. On prompting interface, please input P2P Access Key in Host field, input / modify the rest of fields as appropriate Click on Connect button

Host:	28KDGNDY2MU7BI	VTYS81D	i i
Port:		80	
User:	admin		
Password:			

4. For mobile device (i.e., smart phone and tablet) users, please login APP "Socatch"

Click '+' (iOS) / 'New' (Android) icon on upper right corner to add a new connection.





5. Click on Scan QR code button as shown on following picture.





6. Please scan QR code on DVR's System Information page



7. Access key information will be shown on Host field

•••⊃○ 中華電信 令	下午4:23	\$ 48% 🗖
	Add DVR	
Name		
28KDGNDY2M	U7BNTYS81D	
Deut		
Pon		
User		
Password		
		_
1	Scan QR code	
1		

Input / modify the rest of fields as appropriate.

Click on Save button on upper right corner.

Login with new settings