

User Manual



for Mult-client System



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1 MULT-CLIENT Introduction

Mult-client is specially designed for DVR remote monitoring. It can support many DVR monitoring synchronously and realize remote DVR management such as remote live view, remotely configuration, and search and playback record files remotely.

2 Main Features

- Live view, playback remotely for multi-channel synchronously
- I Group management for all the DVR connecting to MULT-CLIENT
- I DVR GUI setting remotely
- I Video search playback and backup remotely.

3 Working Environment

Remote Management System runs under the WIN98/2000/XP. Resolution is 1024*768, supporting DirectX above 8.1.

4 Installation Guideline

Please click MULT-CLIENT installation program



and



5 MULT-CLIENT Screen Instruction

When you double click icon, them you will get the follow interface, just need to input user name>>>admin to login, after you login successful, you will access to the main interface.

		Password					
		Password Please inp	1 but the right password i	nformation:			
		User Password	admin		•		
		Advance		Ok	Cancel		
	streaming 192:168.8.250	192.168.8.2501	2-192 168 8 250-2	3-192.168.8.250	93 4-192.168	8.250-4	
	5-	5	6-6	1-1	8-8		2
명4 명4 명4 8 8 1 8 1	Charrel name		10-10		12-12 12-12 12-12 12-12 12-12		
	0				16-16		
Man M chann	ID:00 03 20 el usos conedi The	data F	SETUP SEARCH CONTR				

- 1. **Image Display Windows:** Display maximum 16 channels. The displayed channel quantity can be changed by click split icon in the corner of the main interface.
- 2. **Windows Display Status:** The correspondent button will be blue if the window is opened. Otherwise, it is grey.
- 3. PTZ Control: Remote control PTZ
- 4. **Operation Prompt and Net Transfer:** Display the operation log for MULT-CLIENT and MULT-CLIENT version number and network flux

- 5. Control Bar: Display all parameter setting buttons.
- 6. Valid Channel List: for the currently-chosen channel. Double click to open the channel.
- 7. **Device List:** open the image of each device conveniently. Double click the device name to pop up the dialogue box and select the channel No. and image type to open the channel.

6 Operation Instruction

6.1 Startup



After you installed MULT-CLIENT program success, it will display an icon

desktop and please double click it displaying the operation interface as follow



6.2 EXIT



6.3 Main Menu Detailed Instruction

6.3.1 Control Button Operation

Including MENU, SETUP, SEARCH, CONTROL, SNAP, AUDIO, RECORD, SPLIT and EXIT.



6.3.1.1 MENU



icon. Then the following interface will pop up



Log View



Icon and then the following interface will pop up.

Print 7E CONTENT	USER	1 street		
YE CONTENT	USER	Treat		
		TINE		
MALL type	H All sar	Start Time	2007- 8-16 -	
Operation.	admin 2			
	0.000	End Tine	2007- 18-16 •	
	Mil typ. ⊮Operation	Mil type Poparation H Ref All tear	Filter Mil type Constion Description Filter Start Time End Time End Time	> 11 tops > 0peration > 0peration

Log interface displays the type of log, content, user, time of the file. The file could be printed out.(print what display). And Start time and End time is the time of log.

Alarm Log

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diaming	Patt	
	Terr Terr Terr Color No. Project (100 State) Color Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color No. Color No. Project (100 State) Color Color Color Color No. Color No. Project (100 State) Color Col	
	Part 1 Annue	
	Banker Branker Banker Banker Banker Banker Banker Banker	

The log for alarm event from sensor of DVR

6.3.1.2 Setup (Window Setup, Site Setup, Channel Group and System)



Click **SETUP** icon, then the following interface will pop up.

	Index Windom name	Device	Channel	Save	/		_
		58.60.231.221	1	- C			
	⊡ ₩ 2	58,60.231.221	2				
	⊡ ₩3	58,60.231.221	3				
9.		58.60.231.221	4				
	095		1				
	194 c		1				
1			1				
·			1				
8.			1				
-	Dist 11		1				
	DW 12		i				
	DW 13		1				
	0 9 14		1				
	□ ₩ 15		1				
	□ ₩ 16		1				

Device Setting

Add Group: Press Add Group, it will show the following: fill in the Group Name, and press OK to save the setting.

Group	Setup 🗧
⁶ 💫	roup Setup Group name can sort out the resource, and to manage the resource better
Group N Desc	ame ribe ✓ Display ✓ Enable System

Del Group: Press Del Group, it will show the following: Press Yes to delete the group.

Retwood 20	1-142 148 1 123-1			2,192.14	R 1 123.	.2	R
S in a	Column is set in sealing	againesi siyare	6				1310
	modes being . De being channel to	nii (systen)					H
	The section of the se	No.	The address	Statupa	E Case	handlet address [_]	
	Card Color Color,						H
			DYREAS				
			A Deleter O	alles I.			
T I December			191	- 10			
(11) (11) (11)							
1992 V.							
	Add Orospi Dol Drospi Dilli Orospi	Allo	<u>па</u> п	8 34	-		
	2			Of	1 0	ent [. mon].	



Must delete all the site information under the group, then could delete the group

Edit Group: Press Edit Group, it will show the following: fill in the information of edit and then press OK to save all setting.

Group Setup	
Group Setup Group name can manage the reso	sort out the resource, and to ource better
Group Name	✓ Enable ✓ System Ok Cancel

Press ADD button, pop-up the setting window as following: input the site in the site pane.

se Info				1123	
Name 58.60.231.221		Cha	innel	4	•
Connect Style IP-LINK	•	C.,	. I	Channel name	
Video Type rm8304	•	1	N		
Memo		3	N		
1		4	N		
Addr 58.60.231.221					
Port 9000		-			
Proxy					
User					
Password					
Start Used 1970- 1- 1	-				
Tol					
Addr					
Memo					
1.0.110					
		CT.			

- I Name: please input a name for this DVR.
- I Connect Style: Please select IP-LINK for DVR connection.
- I Video Type: select rm8304 model for DVR connection;
- Address: input the IP Address of the DVR, if connect in WAN, please input the public IP of DVR here.
- I Port: input the MEDIA port of the DVR, when connected in WAN; please make sure you have forwarded this port for the IP of DVR.

	NETWORK SETUP
ТҮРЕ	STATIC -
MEDIA PORT	09000
WEB PORT	00080
IP ADDRESS	192. 168. 015. 141
NETMASK	255. 255. 255. 000
GATEWAY	192. 168. 015. 001
DNS	202. 096. 134. 133
DDNS SETTIN	IGS
	DEFAULT APPLY EXIT

After configuration, save it, and exit to the main interface, and double click the PC name that you

want to connect, and then it will pop-up a window, just click ok, if the configuration is correct, and



network is ok, it will display the live view of DVR.

6.3.1.3 Remotely Search



Click SEARCH, enter in to playback interface.



Search for the Video

When you enter into the interface, please select the IP of the DVR you want to connect, if connect success, you will find the record files list on the left side. If can't connect to the DVR, it will remark you that there is connection error.

Selec	t Server		
🔽 Onl	line Playback		
🔒 St	reaming		
	DVR		
+ 😋	Storage Server		
4	192.168.1.123		
28	192,100,1,235		
IP	192.168.1.123		•
			1
		Ok	Cancel

After selecting, it will prompt that connection is successful (please check the configurations if

connection is not successful); then select the station again, click the **connection** icon on the top right corner.

Double click to enlarge the window, or enlarge it to full screen by click the right key on the mouse and select corresponding item when the image window is opened. Please see the main index interface as below:





3 modes: VIDEO / PICTURE / LINK.

I VIDEO: playback video;

I Date

selection,

- I PICTURE: play the images snatched;
- I LINK: can play the video files which is collected in the collection folder, it is something like shortcut, which permits quick locating.



change	vear/month/date	via	those
change	year/month/uate	via	11056

4

buttons **2007 05**, when you click a numeric icon; it means you have selected one certain date, and then you can set a period manually in the configuration box under the numeric areas.



- I NAME: select the name of the stations;
- I TYPE: all files, normal recording files, Alarm recording files, sensor triggered recording files, card number recording files;
- I CHANNEL: select recording files classified with channels;
- I CARD: select files according to the card numbers set on the passenger public vehicle card.

After selecting the TYPE, the files match the qualification will be laid out in the list box below; the recording files is sorted by channel number, the channels with recording files will be listed. (As an example, only channel has recording files, so it's listed), the data in the bracket shows the total file number (37 files in this case).



PLAY

: open recording files which are saved in local disk;

: show play list, select the recording files you want to playback.

Play List:

D



Select a channel node, and all the recording files of this day will be shown. If you just select one file, only the period of the file will be shown.

Play buttons:



You can adjust the specific time of the recording file (hour/minute/second), you can make this adjust by press 'upward' and 'downward' buttons on the keyboard, or by click the 'up' or 'down' arrow icons in the text box.



You just click or drag the slide block on the procedure bar to go to some specific time point.

Menu	Icon	Function
Play		Begin to play
Pause		Pause of the playing
Start point of the file	4	Put the procedure bar to the beginning
		point
End point of the file		Put the procedure bar to the ending
		point
One frame backward		Withdraw one frame and pause
One frame forward		Forward one frame and pause

Function description of the play tools bar:

The previous file	Play the previous file
The next file	Play the next file
Stop	Stop playing
Loop	Select the loop play period and time,



Adjust the play speed of the window;



Adjust the volume;



Sound: open or close audio frequency decodes;



Snap Shot: select the window and snap shot the picture, and then save in local catalogs;



 \subseteq Add Link: Add the pictures opened to the collected folder, to make it convenient of the index

later;



EDIT CLIF Edit Clip: Edit the recording segment, in order to make it more convenient of reserving the files (User is allowed to edit recording files of any period of time, no matter whether the file is or not the same one);

ADD CLIP DEL CLIP ADD CLIP/DEL CLIP;

ADD CLIP

Open the video file that need to be edited, active the screen, when the file is played to (or drag the procedure bar to) the point that you want to start the edit, click the 'ADD CLIP' button. Then when it plays to the point that you want to finish the edition, click '**ADD CLIP**', you can see two blue line segments at the beginning and ending points, which present the edition range. Please see below:





Add the beginning and ending points, click the **EDIT CLIF** button in control button area, and it will pop up the following dialog box.

Local REC		-	Select Ur	hannei
Name				
1			□3	-
Start Time				
2007- 5-12 💌	16:13:10	÷		
End Time				
2007- 5-12 💌	16:13:10	+		~
🔽 Alarm 🔽 N	ormal		Select	t All

Name: give name to this clip segment, the beginning and ending time is generated automatically;

Alarm and Normal: select the recording type of the term;

Select Channel: it could be chosen automatically in common or chosen manually;

Press "Backup immediately": will show as following:

File analysis finished, and has already added in the Backup list! Time Content. ©07/05/12 16:14:17 Biogin to analy file ©07/05/12 16:14:17 Biogin to search sever file! ©07/05/12 16:14:18 Search server successed! ©07/05/12 16:14:19 File analysis finished, and has already added in the Backup list!	
Time Content ©07/05/12 16:14:17 Begin to analy flo ©07/05/12 16:14:17 Begin to search sever fiel ©07/05/12 16:14:18 Search server successed! ©07/05/12 16:14:19 File analyse finished, and has already added in the Backup list!	
©07/05/12 16:14:17 Begin to analy file ©07/05/12 16:14:17 Begin to search sever file! ©07/05/12 16:14:18 Search server successed! ©07/05/12 16:14:19 File analysis finished, and has already added in the Backup list!	12
4	x

Or click 'Ok' to add the clip into the backup list.

Backup management:

Add backup segment according to the method, then click to open backup window.

Name Q 123	Start time 07/05/12 15:13:55	Over time 07/05/12 16:13:55	Cha	Add in time		
y	to judgite and an and a	any and the second				
Add	Modify DEL			Import	Export	
Start Badk	æ					

Inside 'Copy list' table, there are clip segment, you can click 'Add..' button to add other recording segment. You will need to input the name of the clip segment and the beginning and ending time point, and select the channel need to be clip. You can manage the backup list by using 'revise' and 'Delete' buttons; also 'Import' and 'export' is for convenience of the management.

Click 'Start Backup' button, and then you will see the process of the backing and the information of backup successfully.



SETUP: check the downloading information of the backup files;

SERVER: the server selected that supports you when you need to look for (index) some

recording files;

Color configure: drag the adjust blocks to modify the brightness/ contrast/ saturation/ chroma, in order to

optimize the display effect;

FULL SCREEN

TITLE

FULL SCREEN: enlarge the window size to occupy the full screen;

TITLE: to display the names of all the windows.

6.3.1.4 Control

Press CONTROL to o	pen the remote control wind	dow:
	Remote Control	
	□ (isst	Remote config
	Connect to DVR	Remote Control
	Device connect successful!	Close

Select one DVR and click 【Connect to DVR】. After connecting successful, then could make the remote setting, as follow, it is the same as IE configuration, so the config details please check in GUI manual.

CHANNEL	CHI ON	-	CH2 08 M	сна оч		CH4 애 🔛
RESOLUTION	HIGHEST	• HIGH	• NORMAL	e.		
QUALITY	BEST	• FINE	• NORMAL	e.		
AUDIO	ON	~				
REC.MODE	POWER UP	~				
CHANNEL NAME	он	м				
				PREVIOUS	NEXT	DEFAULT APPLY

6.3.1.5 SNAP



Press **SNAP** button to snap current channel image, and save in the pre-set directory.

6.3.1.6 AUDIO

Press



AUDIO button, open/close the dual dial function.

6.3.1.7 RECORD



Press RECORD button. It will record image which is viewing.

6.3.1.8 SPLIT

Press



button. It will show the following picture:

RMS Display 8	Split Split Split Split Split	13 16 25 33 36
plit	Split Split	9 10
	Split Split	6 8
~	Split	4

There are 11 options, select according to the requirement.

6.3.2 Window Display Status



- I [LIVE VIEW]: Click the grey button to open/close the window directly, If the channel is opened, the correspondent button is blue. Otherwise, the button is grey.
- I **[**RECORD**]** : Click the grey button, If the channel is opened, the correspondent button is blue. Otherwise, the button is grey.

6.3.3 PTZ Control Bar



- I Auto/Curser: Control the PTZ work around automatically or manually
- Aperture: Adjust the aperture, namely the height of PTZ
- I Focus: Adjust focus
- I Zoo: Adjust the zoom for PTZ
- I Bush: Start/Close bush function
- I Light: Start/Close light

6.3.4 Network Stream and Operation Information



Sss-1 means this information from the DVR named sss and its channel 1. MULT-CLIENT Ver9.0 is the version number for MULT-CLIENT and the latest operation log for MULT-CLIENT.

6.3.5 Image Display Interface

Image window of the main screen, click right when pointing any image window, then sub-menu will pop up



A) Open window

Open window means to open the selected window to view the live-real image. If the connection for DVR is correct and network can work fine, then you can see the live view from the camera that you want to see the live view from. You can choose open all or just open signal window, if you choose all (open all), then you can see the live view from all the cameras connected to the DVR (If all the channels of DVR connect camera).



If the connection of DVR or the network has some problems and then MULT-CLIENT will give you prompt for error as following.

1-V6N3 (1)Open Channel Falled,ErrorCode(-1) 3-192-168-1-2503	2-192.168.1.2502 4-192.168.1.2504	



If the connection for DVR is correct and the network can work fine, and you can ping the DVR IP by MULT-CLIENT server, but you can't see the live view from camera, in this situation, please check the media port 9000 whether has opened, as well as the settings for software connection.