NetClient software user manual



1-1. General information

- Net Client is an application which provides users not only viewing and controling remote DVRs, but also receiving realtime event data or alarm signals with LAN, WAN environment.
- Net Client enables users who care about security to manage full information from all the wire-connected DVRs. All security administrators can control all situations even in emergency with easy operation in their PC.
- Main features of Net Client program is as follows,
 - Real time monitoring multi DVRs at the same time (Up to 64ch)
 - Various screen mode supported. (1, 4, 9, 16, 25, 36, 49, 64 screen & sequence mode)
 - Remote playback/backup & local playback (backup file view)
 - Remote controlling DVR setting value / PTZ camera control
- System requirements for PC
 - Operating system : Windows XP / Vista / Windows7
 - CPU : Dual core or Higher
 - Ram : At least 1GB (2GB or higher memory recommended)
 - VGA : 128MB graphic memory or More

1-2 Program Installation

1-2-1 Find Net Client installing program, and execute it.



1-2-2 After installation, the Net Client icon will be created on the desktop.

1-3. Log In

When the application is started, Login window will be shown.

Input ID and password. Initial ID and password are admin and admin

(These ID and password are separate from ID and password of DVR)

Login	
User ID	_
Password	
ÖK	Cancel



2. How to use Net Client



2-1 ICONS in Live mode

2-1-1. Screen split option



The appilcation displays the screen split mode automatically according to the number of channels of DVR or group. Using screen split icon, you can manually select the split among 1/4/9/16/2/36/64ch To get into full screen split, click maximize button



By double click on certain channel, the display goes to full screen split





By mouse drag on certain channel in 1ch split, digital zoom functions.





2-1-2. Realtime event

In the bottom of Live screen, events update along with information of time, type, DVR name, channel And description in realtime.

Time 2013/09/03 14:45:20 2013/09/03 14:45:24 2013/09/03 14:45:24 2013/09/03 14:45:30 2013/09/03 14:45:32	Type MOTION MOTION MOTION MOTION MOTION	Dvr Name 186 186 186 186 186 186	Ch 	Motion On Motion Off Motion On Motion Off Motion On	Description	•
2013/09/03 14:45:41 2013/09/03 14:45:41		186 186		Motion Off Motion On		

2-1-3. MAIN ICONS in Live mode



- 1) Connect/Disconnect : Connect registerd DVR or group/ Disconnect the connected DVR or group
- 2) RPB : Enter Remote Playback Mode (view recordings on remote DVR)
- 3) LPB : Enter Local Playback Mode (view backup data in PS format)
- 4) Remote SETUP : Remote setup Mode (CGI page will open up in IE)
- 5) Two-way Audio : Two-way audio communication thru NetClient. (Between remote DVR site and PC)
- 6) Log viewer : Logs from selected DVR are viewed.
- 7) Snapshot : Capture still image of highlighted channel

8) Set up : Set up NetClient and register DVR or Group

9) Audio Volum : Adjust audio volume coming from remote DVR. Only workable in 1ch full split.

2-1-3-1. Set up Dialog

To register DVR and set up configuration of Netclient, please click Config Icon, the below windows will be pop up.

Setup Dialog	
E-Set DVR Group Camera System Event Authority PTZ	User ID admin Add Password Password Confirm
	ID Delete admin Change
	Restore SAVE

- 1) User : Add or delete Users who use this program
- 2) DVR : Add or delete Dvrs to DVR list
- 3) Group : Add or delete DVR to DVR group
- 4) Camera : Configure OSD related with cameras.
- 5) System : configure program and upgrade DVR remotely
- 6) Event : function related event can be setup.
- 7) Authority : Admin can authorize users to access DVRs or control functions in Netclient.

To save the values changed in windows, the save Icon should be clicked before closed.

2-1-3-1-1. User

The default user is admin which can't be deleted and changed without password

Please input the user name and password in the blank, and then click the add ICON,

Setup Dialog		and the second second
E-Set User DVR Group Camera System Event	User ID [customer2 Password [++++ Password Confirm [++++	Add
	ID admin netuser customer1	Delete Change
	Restore	e SAVE

If you want to clear the ID you added just now, please click the restore Icon, the ID registered not saved is cleared.

2-1-3-1-2. DVR

New DVR can be registered in this menu or existing DVR information can be edited or deleted. After registering DVR, the DVR info is indicated in DVR LIST in Live mode as the right picture

Setup Dialog			
B-Set User DVR Group Camera System Event Authority	Site Name Ananlogue Dvr Name Low 4ch Address ftest_ddnscctv.com Port No, 7650	DVR LIST	GROUP LIST
	User ID ADMIN Password Max camera Receive DVR - Site Name Dvr. Name Address Port No. User ID Add	⊡ <mark>Analogue</mark> DVR 4ch LM 8ch	
	HD HD 41191 test donscetv.com 8002 admin HD B HD 6 dv000001.dfAcs. 9001 admin Analogue middle 16th test donscetv.com 7760 ADMIN Change Analogue LM 6ch test donscetv.com 7760 ADMIN Change Analogue LM 6ch test donscetv.com 7760 ADMIN Analogue LM 6ch test donscetv.com 7670 ADMIN	middle 16ch ⊕ Ananlogue ⊕ HD	
	RestoreSave	⊕ HD16	

- 1) Site Name : input DVR site name.
- 2) Dvr Name : input DVR name
- 3) Address : input the same IP address or host name of DVR.
- 4) Port name : in HD SDI DVR, Input the same Client port value of DVR,
 And in analogue DVR, Input the first port value name of DVR (ex. The port value of dvr is 7690~7694,
 7690 is written here)
- 5) User ID : Input the user name of DVR
- 6) Password : input the password related with USER name of DVR
- 7) Max camera : Select the channel of DVR.

To add new DVR : Fill Banks and click ADD

To delete existing DVR : select DVR in the list and click DELETE

To edit existing DVR :select DVR in the list and click CHANGE

If you click change Icon, the star Mark(*) is shown in the head of changed DVR list.

To cancel the setup in this window : Please click the restore icon, the items are initialized as the previous status before saved.

2-1-3-1-3 Group



- 1) Clear Array : Clear all registered cameras in screen division
- 2) ADD : add DVR Group
- 3) DELETE : delete selected registered Group
- 4) CHANGE : Add or delete the cameras already registered of selected Group
- 5) RESTORE : If you want to clear the ID you added just now, please click the restore Icon, the ID registered not saved is cleared.

To make the list to display from more than one DVR, please make Group List.

- 1) Please Drag DVR or the camera to the right screen division.
- 2) Please Click add Icon and write down group name and then click OK icon.
- 3) After adding group, click Save Icon to return to main screen.

2-1-3-1-4. Camera

Check the OSD items if you want to show them in live

setup Dialog	
⊡-Set User DVR Group System System Event	OSD Cell No, Site Name Address Camera Name Time YY/MM/DD Frames Rate Screen Rate Coriginal Image Rate Restore SAVE

- 1) Cell no : Camera number is shown
- 2) Site Name : DVR Name written in DVR is shown.
- 3) Address : DVR address related with cameras is shown

- 4) Camera name : camera name is shown
- 5) Time : the present time of DVR is shown on each channel.
- 6) Frame : the frame rate is shown
- 7) Rate : the display rate can be selected.

Screen Rate allows live screen to display full screen without blank.

Orignal screen show the original video stream size sent from DVR.

2-1-3-1-5. system

Setup Dialog		
B-Set User Group Camera System Event Authority	SW Upgrade	display mode display mode UI Size The function will not take effect until you restart. Config upload,download / reboot download file [c:\U24x768] upload file [c:\U24x768] upload file [c:\U24x768] upload file upload file [upload] [C:\U24x768] upload [Reboot DVR]
	Program Mode ↓ Use Separation Live/Playback Mode	Restore SAVE

- 1) SW Upgrade : DVR can be upgrade through this function remotely. File format must be TAR.GZ which is provided by the manufacturer.
- 2) Sequence time : Select sequence time by second. If current screen is 1ch split, then it will show by 1ch according to sequence time. If 4ch split, it will show by 4ch.
- 3) Auto connect : when program starts, the Live mode of selected dvr is automatically displayed
- 4) Login : you can select whether or not program starts with ID and password
- 5) Program mode : when the mark is checked, the other window pop up to Run playback mode when you select RPB, LPB.
- 6) Display mode : you can select display mode and UI size.
- 7) Config upload/download : you can upload or download the config of selected DVR remotely
- 8) Reboot DVR : you can reboot DVR remotely.

2-1-3-1-6. Event

You can select the event output in NetClient and event types that trigger the output

Setup Dialog		X
E- Set User - DVR - Group - Camera - System - Event - Event - Authority	Alarm Event Event Popup Alarm Beep High Light Beep Enent Type	Error Message Dialog DVR Reboot DVR Error HDD Fault
	☐ VLoss ☐ Motion ☐ Sensor ☐ Alarm Out ☐ System	
	Event Log Use Auto Saving Log Auto Delete Not use	
	RestoreSAVI	E

- 1) Event Popup: The channel where event occurs will popup
- 2) Alarm Beep: When event occurs, beep sound will be made in case speaker device is equipped in PC.
- 3) High Light: The channel where event occurs will generate high light around its frame.
- 4) Vloss, Motion, Sensor, Alarm out, System: Select event types that would trigger event output.
- 5) Error Message Dialogue : When DVR has such problems, Dialogue show the status, This functions will be activated when the system in event type is marked.

2-1-3-1-7. Authority

Administrator can select which function can be controlled by which user.

This Authority is activated when Netclient is opened only by admin.

User DVR	User ID	=>	DVR List	Group List
Group Camera	aaa		Select All	Clear All Select All Clear All
– Camera – System – Event – Authority – PTZ	CCC	Site Dvr IP Analo DVR 4ch test,ddns Analo LM 8ch test,ddns Analo LM 8ch test,ddns Analo middle test,ddns	Analo DVR 4ch test,ddnsc Analo DVR 4ch test,ddnsc Analo LM 8ch test,ddnsc Analo middle test,ddnsc Analo middle test,ddnsc Enent Type VLoss Motion	ctv.com group4 ctv.com group5 ctv.com and group5 ctv.com and group5 ctv.com and group5 ctv.com and group6 Authority for operation Playback BackupViewer
			I Audio 2way out I Log Viewer I SnapShot I Config	
			Alarm Event	RemoteSetup
			당 Event Popup IF Alarm Beep IF High Light	Error Message Dialog IF DVR Reboot IF DVR Error IF HDD Fault
				Restore Save

- 1) Please choose user in USER ID.
- 2) Please check the mark if such a function could be controlled.
- 3) DVR List : the marked DVR is seen
- 4) Group List : the marked Group list is seen
- 5) Event Type, Alarm event and Error Message Dialogue can't changed
- 6) Authority for operation

The marked function can be controlled by user.

If Config is not marked or selected for the user, the user can't access or open this authority screen.

2-1-3-1-8. PTZ

Setup Dialog		
B-Set User Group Camera System Event Authority PTZ		Selected Site Selected DVR Selected camera NEAR Focus
		IN Zoom OUT
	🔽 Use Auto Stop	OPEN Iris CLOSE
	Waiting Time	Preset RUN
	100 msec	Scan 🗾 RUN STOP

Caution : To use PTZ function, first of all, the Camera which connected by PTZ should be selected. When PTZ camera is connected to DVR, the below items can be shown as the example.

If it is not connected to DVR, there is no any value in blank.

Selected Site	Test
Selected DVR	Test DVR
Selected camera	1

1) Pan/Tilt

The Arrow direction key is to control Pan, Tile function



2) Auto Stop

When the box is checked, the function can be operated. The PTZ operation will stop after the setting time. 3) Focus

	NEAR	Focus	FAR	
4)	Zoom			
	IN	Zoom	OUT	
5)	Iris			
	OPEN	Iris	CLOSE	
6)	Preset			
	Preset		•	RUN

If DVR and camera is selected, the preset list can be transferred from DVR automatically

7) SCAN

The function works according to setup of selected DVR.

Scan	-	RUN	STOP

2-1-3-2. Connect

To connect DVR, First select DVR name you want to see Live mode with Mouse and click CONNECT icon. (caution : the selected point is not SITE NAME, but DVR NAME below site name)

With connect success message, it shows live of selected DVR.



2-1-3-2. RBP (Remote Playback mode)

RBP is used to playback the recorded data of DVR or back up them to PC remotely. If you Click RBP Icon, the below window is shown.



Select date on the calendar and hour/minute in time bar first.

The color of date and time shows RED if there are recorded data in selected DVR.

When you click the Play button, the data is displayed from the selected time.

2-1-3-3. LBP (Local Playback mode)

RBP is used to play the data backed up in Local PC.

If you click RBP Icon, the below window is shown and then click the file Icon located in the bottom of right. Then open a backup file to display.

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oran ≩ config ≩ skin	2013-08-29 오후 6:17 I 2013-08-29 오후 6:17 I	27	28 29 3		
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2013/2004-001000 n fm 2014/2014/2014/2014/2014/2014/2014 2014/2014/2014/2014/2014/2014/2014/2014/	2013-09-04 오후 5:16 P 2013-09-04 오후 5:16 P 2013-09-04 오후 5:18 P 2013-09-04 오후 5:18 P 2013-09-11 오후 2:31 P	0			-
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• Water mark: Click water mark icon to check whether or not PS file has been modifie or edited.

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The basic window and function between RBP and LBP are similar except a few functions.





Backup

When the Disc Icon is clicked, the below window pops up.

Backup Dialog		x
File Backup	Part Backup PS to AVI	
File Backup-	Year Month Day	
Start Time:	2013 🔻 10 💌 10 💌 Backup List	
	Name Size	
Output	C:₩Program Files₩NetClient	
Type	PS File	
	AVI File	
Progress		
	Make Stop	
	OK	

• file backup : it is used to backup file generated in DVR.

(1 file is generated with 10 minutes or with max size of 700MB)

Start time : select the date and click BACKUP LIST to show file lists.

Output : the directory in which the data is backed up

Type : file type when it is backed up

Progress : show the progress during making backup file

Backup Dialog		Backup Dialog
File Backup	Part Backup PS to AVI	File Backup Part Backup PS to AVI
Part Backup- Start Time:	Year Month Day Hour Minute Second	PS to AVI- PS File
End Time:	2013 • 10 • 10 • 00 • 00 • 00 • 2013 • 10 • 10 • 00 • 00 • 00 •	AVI Path C:₩Program Files₩NetClient
Output	C:₩Program Files₩NetClient	Camera 🗖 All
Camera Type		F1 F2 F3 F4 F 5 F6 F7 F8 F9 F10 F11 F12 F13 F14 F15 F16
Progress	AVI File Make Stop	Progress Make Stop
	ОК	ОК

Part Backup : it is used to back up the files selecting specific starting and ending time.
 Start time : starting time of backup

End time : ending time of backup

Output : the directory in which the data is backed up
Camera : select cameras you want to back up
Type : file type when it is backed up
Both can be selected one time, but the back up time will be longer.
Progress : the back up status.
Make : Click MAKE icon to start backup
PS to AVU : it is used to convert backup file form PS to AVI format.

PS file : Click the right side of bar, the directory you save data in will pop up. AVI path : the directory in which the converted AVI file is backed up Cameras : please select the cameras you want to change file type to AVI. Make : Order to start change file.

14) **Solution**: Go back to Live mode

2-1-3-4. Remote set up

The function is used to change the setup of remote DVR.

The different window will pop up according to HD SDI DVR, Analogue DVR.

2-1-3-5. Tow way Audio

Two-way audio communication thru NetClient. (Between DVR site and PC)

2-1-3-6. Log view

Log		10			_ ×
Start Tim End Tim		Month Day		Minute 0	Go
Time 2013/10/10 09:02:04 2013/10/10 10:41:14 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:04 2013/10/10 10:42:02 2013/10/10 10:42:12 2013/10/10 10:42:27 2013/10/10 10:42:27 2013/10/10 10:42:27 2013/10/10 10:42:27 2013/10/10 10:42:27 2013/10/10 10:42:27 2013/10/10 11:51:27 2013/10/10 11:51:29 2013/10/10 11:40:349	Type NETWORK NETWORK USER USER USER NETWORK NETWORK NETWORK NETWORK NETWORK NETWORK	Dvr Name test ddnscct test ddnscct	00 LOGON: 00 ADMIN : 00 ADMIN : 00 ADMIN : 00 LOGOUT 00 LOGON: 00 LOGON: 00 LOGOUT 00 LOGOUT 00 LOGON:	on : ID=admin, IP=192, 168, 1, 1 ID=admin, IP=192, 168, 1, 1 CH1 TITLE CHANGE CH2 TITLE CHANGE CH3 TITLE CHANGE CH4 TITLE CHANGE : ID=admin, IP=192, 168, 1, 1 ID=admin, IP=192, 168, 1, 1 : ID=admin, IP=192, 168, 1, 1 : ID=10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	
			Cle	ar OK	Cancel

2-1-3-7. PTZ



Only support in 1ch screen split. Pan/tilt camera must be connected to the channel. With direction keys and zoom in/out icons, you can control pan/tilt/zoom of the camera. You can call SCAN & PRESET which was previously saved in DVR.

2-1-3-8. Color

Color configuration doesn't work in HD SDI DVR due to the attribute of HD SDI DVR. Only workable for analog DVR. Select one channel to adjust color.



= END OF Documentation =