# 4Ch H.264 Hardware Codec H.264 Network DVR

H ngdnsdngver 1.0



4 Channel Network DVR Real-time playback / USB backup

The most stable and reliable real stand alone Digital Video Multiplex Recorder

Setup



# - ng nh p vào menu Sau do , click 'ENTER'.

USE USE	r ID R PW						ADI	MIN
1	2	3	4	5	6	7	8	9
				EN	TER			E IT

#### Click 'EXTERNAL DEVICE'

MAIN MENU	
DISPLAY SETUP RECORD CONFIGURATION E TERNAL DEVICE BACK-UP FIRMWARE UPGRADE FACTORY DEFAULT	
LANGUAGE	ENGLISH
	E IT

## E XTERNAL DEVICE TCP/IP SETUP PAN/TILT SETUP MOUSE SETUP AUDIO SETUP

ESC

### 1) Cài t TCP/IP

TCP/IP cho phép ng i dùng xem hình nh, video qua m ng internet .







Ng i dùng ph i c u hình Static/Dynamic IP, Port Forward :

 1) Xác nh n a ch IP tr c khik t n im ng cho DVR. (Ki m tra internet ho t ng bình th ng)
 2) K t n i Router n DSL modem theo hình v .
 3) C u hình Internet connection trên Router
 4) Ki m tra Router ho t ng bình th ng .
 5) K t DVR n Router.
 6) DVR : MENU → LOG IN DVR → E TERNAL DEVICE →TCP/IP SETUP → IP SETUP.
 7) N u thi t1 p DHCP là AUTOMATIC thì click IP DETECT.
 8) N u thi t1 p DHCP là MANUAL
 9) Xác nh n a ch MAC ADDRESS b t u t 00-0A-A2....
 10) Thi t1 p IP PORT, (nên là 50000)
 11) Thoát ra ngoài MENU SETUP.
 12) Thi t1 p Forward port t Router.
 13) Truy c p n DVR (v i Port ã c forward).

IP SETUP						
MAC ADDRESS	00-0A-A2-**-**					
DHCP MODE	AUTOMATIC					
	IP DETECT					
IP PORT	50000					
IP ADDRESS	192.168.001.160					
GATEWAY	192.168.001.001					
SUBNET	255.255.255.255					
	ESC					

	IP SETUP
MAC ADDRESS DHCP MODE	00-0A-A2-**-** MANUAL IP DETECT
IP PORT IP ADDRESS GATEWAY SUBNET	50000 192.168.001.160 192.168.001.001 255.255.255
	ESC

4Ch H.264 hardware codec -	Network DVR	
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C u hình router, thiết I p DMZ và Port Forwarding theo h ng d n bên d i:.

- Thi t I p th công DMZ trên m i Router, n u mu n k t n i DVR ra internet - Cài t tên và thong s DMZ, có th khác nhau v i m i nhà s n xu t.

- M i h ng d n chi ti t, xem trong router manual.
  - Víd thitlpm t DMZ nh bên d i:
  - 1) Access to your router.
  - 2) Find 'Applications & Gaming' and go to 'DMZ'.
  - 3) Click 'Enable' and input IP address on 'DMZ Host IP Address'.
  - 4) Click 'Save Settings' to save.

		ŧ						ee Version: v7.50 1
					۷	Virekas-G Broad	Iband Router	WRITE
& Gaming	Selup	Wreless	Security		occess trictions	Applications & Gerning	Administration	Status
	Pert Range Fil	rwerd ( P	et Trogering	1	042	1 0i5		
DAIC	R Da	ole C Disable 202 Aut P Ad	) Press	182,068.0	150		DM2: Enabling explose your in internet. All por accessible from	the option will user to the to will be a the internet
			Sale Set	tings	Canc	el Changes		10.00

Thi t l p th công Port Forwarding trên m i Router, n u mu n k t n i DVR ra internet
Cài t tên và thong s Port Forwarding ,có th khác nhau v i m i nhà s n xu t.
M i h ng d n chi ti t, xem trong router manual.

Ví d thi t l p m t Port Forwarding nh bên d i:

- 1) Truy c p vào router.
- 2) Tìm 'Applications & Gaming' sau ó vào 'Port Range Forward'.
- 3) Nh p Port number c a DVR trên 'Start' / 'End'.
- 4) Nh p a ch IP và ki m tra 'Enable'. Sau ó, click 'Save Settings' I u.

AnnEnations						Win	less G Broe	(band Router	98754
& Gaming	Selia Peri Bange Fare	Montest and 1	~	2654T	Active Securit	oran richiona DAZ	Applications & Gaming	Administration	Li e
Port Range Forward								Part Range 1	reading
				Port	large	1		to spen specifi	
	Approximen	Stat		tod	Protocor	PAODVER	Enable	Examples of the	ete applica
	lov .	50000	10	50000	Bath M	192.165.1 11	9 P	other parent.	Albert & resp
		p	10	9	Buth w	192, 168, 1. (0)		Dis Harrist, D.	a titulari wi
		0	10	0	Both 💌	102.168.1	- C	specify. Due 1	BROW TY
		6	10	0	Buth #	192.168.1		port forwards	a to only The
		1	10	0	Dath 💌	192.105.1	- C	uncheck the D	naltie cher
		0	10	0	Buth .	102.108.1	0	Bert	
		0	10	0	Buth .	192.105.1			
		1		0	Buth #	102.168.1.			
		1	10	0	Duth w	182,168.1			
		1	10	0	Bath 14	102.001.00	- n		

Setup



.KtnitrctipênDVR



K tn itr ctip DVR b ng cáp.

a. C u hình TCP/IP c a PC

1. For Windows P/2000, Click [start] - [Control Panel] click

Administrato	My Documents My Recent Documents My Computer	
All Programs 📡	Control Panel Search Bun	
11 start	Log Off 💽 Tyrn Off Computer	

2. Double click [Network Connections]

E Control Panel								
Ele Edit yew Figworites Jools	Fielb							R.
Q == 0 . 0 . 0 .	earch 🕑 Fo	Aders III-						
Address Dr Control Panel							*	🛐 Go
Control Panel (8)	Accessibility Options	Rdd Hardware	Add or Remov	Administrative Tools	Canal Canal	Data Sources (000C)	Date and Time	
Sec Also (*)	S. Desplay	Polder Options	Forts	Game Controllers	GgaCheck	Wternet Options	Seyboard	
Help and Support	Mouse	Retwork Connections	Hore and Moden	Power Options	Printers and Paces	Regional and Language	Scanners and Cameras	
	Scheduled Tasks	Sounds and Audio Devices	Speech	System	Taskbar and Start Menu	See Accounts		

3.Click chu t ph i [Local Area Connection]

S Network Connections				
Ele Edit View Pavorites Iools	Advagced Help earch Polders			AL.
Address 🔍 Network Connections			~	🔁 60
Network Tasks         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection           Image: Create a new connection         Image: Create a new connection	1394 Connection Enabled 1394 Net Adapter	Disable Virtual Area Connection Disable Virtual Area Status Regar		
Rename this connection     Change settings of this		Bridge Connections		
connection		Create Shortcut Delete Renagge		
		Properties		

4. Click 'Properties' [General] - [Internet Protocol (TCP/IP)]

- Loca	l Area Conne	ection Prop	erties		2
General	Authentication	Advanced			
Connel	ct using:				
-	VIA Networking V	elocity-Family Gi	ga-bit Eth	ernet Adap	iter
			ſ	Configur	
This og	mection uses the	e following items:		A	
	QoS Packet Sc File and Printer Internet Protoco	cheduler Sharing for Micro al (TCP/IP) Uninstall	osoft Netv	vorks Propertie	8
Desc	ription				
Tran wide acro	smission Control I area network pro as diverse interco	Protocol/Internet stocol that provid innected network	Protocol les comm ks.	The defai unication	u);
She	w icon in notifica	tion area when c	onnected	1	
			OK		ancel

### 5. IP Address Setting

Internet Protocol (TCP/IP) Pr	operties [	2 🛛	
General			
You can get IP settings assigned auto this capability. Otherwise, you need to the appropriate IP settings.	omatically if your network supports a ask your network administrator for		
Obtain an IP address automatica	slv	IP Address : AA	A.BBB.CCC.DDD
Uge the following IP address:		AAA.BBB.CCC is	s identical with DVR's setting
JP address:	192.168.1.2	DDD with DVI(3	setting is not same
Sybnet mask:	255.255.255.0	Subnet mask mu	ist be 255.255.255.0
Default gateway:	192.168.1.1	Defeuilt reteurou	
		AAA.BBB.CCC is	s identical with HUB's Address
Ougram DNS server address auto	theseer		
Preferred DNS server	168 126 63 1	DNC Conversio	different in the country and ICD
Alternate DNS server	158 126 63 2	Supplier.	different in the country and ISP
Bremare prive verreit.	100.120.00.2	When PC does	not using internet, if it does not
	Advanced	nput, it is irrespe	ective.
	OK Cano	a \	Cotting average
			Setting example
b.DVRSetting Xácnhnmtlnnathit	Iр		
DVR			
E TERNAL DEVICE			
TCP/IP SETUP			
PAN/TILT SETUP			
MOUSE SETUP			
AUDIO SETUP			
	ESC		
÷			
TCP/IP SETUP			SETUP III
TCP/IP SETUP		IP	SETUP
TCP/IP SETUP		IF MAC ADDRESS DHCP MODE	00-0A-A2-00-FD-63
TCP/IP SETUP IP SETUP DDNS SETUP	<b>_</b>	IF MAC ADDRESS DHCP MODE	00-0A-A2-00-FD-63 MANUAL IP DETECT
TCP/IP SETUP IP SETUP DDNS SETUP	<b>_</b>	MAC ADDRESS DHCP MODE	00-0A-A2-00-FD-63 MANUAL IP DETECT
TCP/IP SETUP	ESC	IF MAC ADDRESS DHCP MODE IP PORT IP ADDRESS	SETUP 00-0A-A2-00-FD-63 MANUAL IP DETECT 50000
TCP/IP SETUP IP SETUP DDNS SETUP	ESC	IF MAC ADDRESS DHCP MODE IP PORT IP ADDRESS GATEWAY	SETUP 00-0A-A2-00-FD-63 MANUAL IP DETECT 50000 192.168.001.160 192.168.001.001
TCP/IP SETUP IP SETUP DDNS SETUP	ESC	IF MAC ADDRESS DHCP MODE IP PORT IP ADDRESS GATEWAY SUBNET	SETUP 00-0A-A2-00-FD-63 MANUAL IP DETECT 50000 192.168.001.160 192.168.001.001 255.255.255
TCP/IP SETUP IP SETUP DDNS SETUP	ESC	IP MAC ADDRESS DHCP MODE IP PORT IP ADDRESS GATEWAY SUBNET	SETUP 00-0A-A2-00-FD-63 MANUAL IP DETECT 50000 192.168.001.160 192.168.001.001 255.255.255

Setup

. Thi t I p DDNS :

# DDNS ENABLE OFF DNS SERVER 192.168.063.001 INTERVAL D-00 H-00 N-20 REGISTER DDNS STATUS IP ADDRESS IP PORT REMAIN TIME LAST REGISTRATION DATE

Setup



## . DDNS Web-server

1. ng kí DVR t DDNS (DDNS Web-server)

## 1) Truy c p vào a ch <u>www.h264ip.com</u> và click Register Member ID.

nager Logen	Messleri Register > Revi work
This website was created to provide a dynamic demain name system (DDRS) that allows 0149 Systems to operate without a static IP term an Internet provider. This has been created exclusively for use with the Argus line of products, Complete the registration process to add your DVR to the system and enjoy the many beends of DDRS	* ID and Password must be three characters or more *We use User Email address to send Information(User ID and Password) aboutyour account.
	Member M
	User Essail
Member ID . Foget Password	Duer Parmaeed
Password Bopster	Confirm Parrawood
	coatine

2) Click 'DVR Add' ho c 'MY DVR Register' ng kí DVR.

DDNS service				[Home]	) (Logoul) (Memb	per Editj
i i i i i i i i i i i i i i i i i i i	X	No.		20		
	Welcome web					
Member	My DVR L	ist				
Member Register     My DVR List     My DVR Register	* Click Vie * You sho Viewer in * 🔯 : DVR	ewericon on the right uid add www.h264lp. Istallation. R Setup 🚾 : Viewer	to operate Viewer. com on Trusted Sites(To O: Search Co: Back	ols -> Intern et Options -> Se up 🚺 : Player 🗟 : DVR E	courity) at the firs	it alete
DVR Setup     Viewer	DVR Name	~	Confirm		DVR	Add
· Search	Name	MAC	IP:Port	Last Modified	Tool	Edit
<ul><li>Backup</li><li>Player</li></ul>	Wallmart_XAI	0 00-04-A2-06-D3-65	210.126.14.153 50000	2007-05-22 JAAb 11:52:05		30

% Giao di n và tính n ng c a d ch v DDNS có th thay i mà không thông báo .



3) Click confirm sau khi i n thông tin c a DVR (DVR Name và MAC Address).

" Mac Address should be	listed correctly without dash "-".
* Mac Address already lis	ited can not be registered again.
DVR Name	superman
MAC Address	000AA200F00C * without dash *-*
IP Address	

4) Bây gi , DVR ~ ã có trong danh sách c a DDNS web server .

DDNS service				(Home	(Logout) (Memt	ber Edit)
	X	W/		0	pier	
	Welcome web					
Member	My DVR List					
Member Register	* Click Viewer icc	on on the right 1	o operate Viewer.	nie – a letern at Ontinne – a Ge	such a the	-1
My DVR List	Viewer installat	ion.	orn on trusted sites (to	ors -> internet oppons -> at	scurity) at the lins	11
My DVR Register	* 🕅 : DVR Setup	: Vewer	🙆 : Search 📓 : Backi	up 🔟 : Player 🖾 : DVR B	idit 🔯 : DVR De	alete
<ul> <li>DVR Setup</li> </ul>						
* Viewer	DVR Name 💌		Confirm		DVR	Add
· Search	Name	MAC	IP:Port	Last Modified	Tool	Edit
<ul> <li>Backup</li> </ul>	Wallmart XAD DD-DA	42.06.03.65	210 125 14 153 50000	2007-05-22 - 330 11:52:05		න කොක
<ul> <li>Player</li> </ul>					Card State Card Date Co.	

DDNS Web-server

2. DDNS thi t I p trong DVR

1) Vào Menu

2) Vào IP SETUP menu, n u DHCP AUTOMATIC thì DVR s t nh n a ch IP.

	IP SETUP
MAC ADDRESS DHCP MODE	00-0A-A2-00-00-00 AUTOMATIC
IP PORT IP ADDRESS GATEWAY SUBNET	50000 192 168 001 160 192 168 001 001 255 255 255 000 DEFAULT ESC

3) Vào menu tr c ó và Click DDNS SETUP.



4Ch H.264 hardware codec - Network DVR DDNS Web-server 4) Thi t I p DDNS 'ON'. a ch IP ã xác nh n t DHCP server s t ng ghi lên DNS SERVER. DDNS SETUP DDNS ENABLE ON DNS SERVER 168.126.063.001 **INTERVAL** D-00 H-00 M-20 REGISTER DDNS STATUS **REGISTER OK IP ADDRESS** 192.168.001.160 **IP PORT** 50000 D-00 H-00 M-20 **REMAIN TIME** LAST REGISTRATION DATE > WED. 12 JUL 2006 09:21:36 GMT ESC 5) B m xu ng REGISTER và b m ENTER I y mg kí IP registered trên DDNS SERVER. (Interval : connection interval time between DVR and DDNS SERVER) D = Ngay, H = Gi, M = PhútDDNS SETUP DDNS ENABLE ON **DNS SERVER** 168.126.063.001 **INTERVAL** D-00 H-00 M-20 REGISTER DDNS STATUS **REGISTER OK IP ADDRESS** 192.168.001.160 IP PORT 50000 <DDNS status messages> REMAIN TIME D-00 H-00 M-20 LAST REGISTRATION DATE >WED. 12 JUL 2006 09:21:36 GMT SUCCESS TO REGISTER DVR INFO ESC <DDNS error messages> FAIL TO COMMUNICATE WITH DDNS SERVER : (In this case, check out whether DNS server IP address is 168.126.063.001. If the IP address is same, please try another DNS server IP address provided by your ISP.) FAIL TO REGISTER DVR INFO : (In this case, please check out whether you registered your DVR in www.h264ip.com. And also check out your MAC address in your DVR is same as the one that has been registered in www.h264ip.com. )

6) Vào I i máy tính sau khi nhìn tháy "SUCCESS TO REGISTER DVR INFO" và Click 'refresh' button. Sau ó DDNS server s t ng I y a ch IP và Port c a DVR



Chú ý.

Tr c khi dùng WEB , Add <u>www.h264ip.com</u> vào Trusted Sites :. (Tools -> Internet Options -> Security)







\* IRS (Integrated Remote Station) : Ph n m m xem qua m ng

Giao di n chính :



IRS SETUP	Nh p thong tin k t n i m ng cho IRS.
DVR SETUP	Thay ithit I p cho DVR qua m ng.
VIEWER	Xem tr c ti p Video.
SEARCH	Tìm và xem l i nh ng video ã lu.
BACKUP	Sao I u I i hình nh c a DVR lên máy tính.
PLAYER	Xem I i video ã sao I u trên máy tính. (AM4 file)

CHAP 6. IRS

1. Thitlp IRS

RS Setup	Ins setup	
Site Setup	IP SETUP	
Address	CONNECTION	RECESTERING SITE
	IF PRIMUME C BONS	UPDATE
	NEMBER ID	harr
	NUME	PELETE
	TEST CONFECTION	
	2007 1220	
	Pares	
	LOSIH	
	1.0	SAUE
	PASSWORD	08
	DK CENCEL	Edward D
1		CHINEEL

MANUAL DDNS	Ch n "Manual" nh p a ch IP và port number th công. Ch n "DDNS" dùng a ch IP và port number ã ang kí trên DDNS server.
MEMBER ID	Nh p member ID ã ng kí trên DDNS server.
NAME	Nh p tên DVR ã ng kí trên DDNS server.
ADDRESS	Nh p a ch IP.
PORT	Nh p a ch Port
LOGIN ID Password	Nh p a ch IP Admin

6-2. DVR Setup

	(7 MANUAL ■ ADDRESS
	PART HUHICA     STOCO     TO
Mait Te Connection	
	Ver 1.0.0.1
	GLUSE

Có th thay i thi t I p c a DVR qua m ng:

(Alarm, Buzzer, Interval, Record Configuration, Record Schedule, Audio)

MANUAL Ch n "Manual" nh p a ch IP và port number th công. ADDRESS Nh p a ch IP. PORT NUMBER Nh p a ch Port . LOGIN ID Admin . PASSWORD . CLOSE Click "CLOSE" to exit.

3. Viewer

VIEWER	
DVR connection setup : Nh p thong tin k t n i :. (IP / PORT / ID / PW)	
System information : Hi n th tr ng thái k t n i và thong tin ho t ng.	
<ul> <li>Screen display</li> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kế</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh.</li> </ul>	ênh .
Audio : T t. / B t âm thanh	
PTZ control : i u khi n t xa PTZ camera.	
Network connection a) CONNECT : b m vào nút connect xem tr c ti p qua m ng. b) DISCONNECT : b m vào disconnect d ng k t n i.	

4. Search

	PORT
	10
	PH
	SCREW DIVISION CHARNEL
	TTATT.
	DND :
	-O- CONNECT
	-C+ DESCONNECT
<b>6 6</b>	
• • •	
DVR connection setup : Nh p thong tin k t n i :	
(IP / PORT / ID / PW)	
Screen display	
Screen display a) SCREEN DIVISION : Ch. n.ch	, ,
Screen display a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh b) CHANNEL : Ch n toàn màn hình cho m i kênh	۱.
Screen display a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh b) CHANNEL : Ch n toàn màn hình cho m i kênh .	۱.
Screen display a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh b) CHANNEL : Ch n toàn màn hình cho m i kênh . System information : Hi n th tr ng thái k t n i và thong tin ho t ng .	1.
Screen display a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh b) CHANNEL : Ch n toàn màn hình cho m i kênh . System information : Hi n th tr ng thái k t n i và thong tin ho t ng . Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .	۱.
<ul> <li>Screen display <ul> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul> </li> <li>System information : Hi n th tr ng thái k t n i và thong tin ho t ng .</li> <li>Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .</li> <li>Network connection</li> </ul>	۱.
<ul> <li>Screen display <ul> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul> </li> <li>System information : Hi n th tr ng thái k t n i và thong tin ho t ng .</li> <li>Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .</li> <li>Network connection <ul> <li>a) CONNECT : b m vào nút connect xem tr c ti p qua m ng.</li> </ul> </li> </ul>	1.
<ul> <li>Screen display <ul> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul> </li> <li>System information : Hi n th tr ng thái k t n i và thong tin ho t ng .</li> <li>Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .</li> <li>Network connection <ul> <li>a) CONNECT : b m vào nút connect xem tr c ti p qua m ng.</li> <li>b) DISCONNECT : b m vào disconnect d ng k t n i.</li> </ul> </li> </ul>	۱.
<ul> <li>Screen display <ul> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul> </li> <li>System information : Hi n th tr ng thái k t n i và thong tin ho t ng .</li> <li>Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .</li> <li>Network connection <ul> <li>a) CONNECT : b m vào nút connect xem tr c ti p qua m ng.</li> <li>b) DISCONNECT : b m vào disconnect d ng k t n i.</li> </ul> </li> </ul>	).
<ul> <li>Screen display <ul> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul> </li> <li>System information : Hi n th tr ng thái k t n i và thong tin ho t ng .</li> <li>Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .</li> <li>Network connection <ul> <li>a) CONNECT : b m vào nút connect xem tr c ti p qua m ng.</li> <li>b) DISCONNECT : b m vào disconnect d ng k t n i.</li> </ul> </li> <li>Search time : Nh p th i gian , ngày tháng tìm hình nh.</li> </ul>	ι.
<ul> <li>Screen display <ul> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul> </li> <li>System information : Hi n th tr ng thái k t n i và thong tin ho t ng .</li> <li>Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u .</li> <li>Network connection <ul> <li>a) CONNECT : b m vào nút connect xem tr c ti p qua m ng.</li> <li>b) DISCONNECT : b m vào disconnect d ng k t n i.</li> </ul> </li> <li>Search time : Nh p th i gian , ngày tháng tìm hình nh.</li> </ul>	ι.
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#### 5.Lutr

1) th c thi BACKUP, Nh p a ch IP & Port và click nút 'Connect Test' .

A DECK DECK DECK DECK DECK DECK DECK DECK	Backup	Ver 1. 0. 0. 19
Backup Information		DVR Server Information
IP Address     192-168-1-143     Network Port     User ID     admin	Recorded Start     Recorded End	t Time Time Update
User Password     Save File Path     C:W(3)CDWXWM     Start Backup Time     0000(00/00     End Backup Time     0000(00/00     ConnectTest     Lo     Set Backup Time     Start 1	letwork_X_Ba 00:00:00 00:00:00 00:00:00 Backup Rates • Receive Rates • Backup Rates • Receive bps • Save Size	Backup Status
		Close

2) Sau khi ki m tra k t n i xong , b n s nhìn th y thong báo 'Success Connect Test!' . Sau ó , click nút 'lock' Và click nút 'Set Backup Time' .

Backup Inf	ormation	DVF	Server Information
IP Address 192.1 Network Port 50000 User ID admin	68.1.19	Recorded Start Tir     Recorded End Tim	e Update
Save File Path C:W(3 Start Backup Time 0) End Backup Time 0) Connect Test Set Backup Time	8)CDWXWNetwork_X_Ba 000/00/00 00:00:00 000/00/00 00:00:00 Lock Start Backup	Message     Receive Rates     Backup Rates     Receive bps     Save Size	Backup Status Sucess Connect Test I

3) Bây gi thi t I p ' Start Backup Time ' , ' End Backup Time ' , ' Save File Path ' , ' File Size ' và click 'Apply'.

		Backup Inf	ormation			2
IP Address	Recorded Start Time	2007/05/0	09 14:10:28			14:10:28
Network Por	Recorded End Time	2007/05/1	10 19:31:21			19:31:21
User ID	Save File Path	C:W(3)CD/WXW	MNetwork_X_Back	.e	Find	Update
User Passw	Maximum Save File Size	10	▼ MB			_
Save File Pa		Voar	Month Dav	Hour	Minuto	
Start Backu	Start Backup Time	2007	5 8 9 8	14	10	Time !
End Backup	End Backup Time	2007	5 10 10	19	31	-
						]
STR		Apply	Close			
- ALLE						0

4) Saukhithitlpthigian, click 'Start Backup' bt ulutr. Tip theo, bn cóth nhìn thy file lutr và ng dn ã chn.

	Backup	Ver 1. II. 0. 19
Backup Information	DVI	R Server Information
IP Address     192.168.1.19     Network Port     S0000     User ID     Joann	Recorded Start Til     Recorded End Tin	me 2007/05/09 14:10:28 Ne 2007/05/10 19:31:34 Update
Save File Path     C:\#(3)CD\#X\#Network_0      Start Backup Time     0000/00/00 00:00:00      End Backup Time     0000/00/00 00:00:00      Connect Test     Unitods     Set Backup Time     Start Backup	Be • Message • Receive Rates • Backup Rates • Receive bps • Save Size	Backup Status Update Record Time I

6. Player (xem I i file I u tr )

PLAYER
Time display : Hinth thigian hinthi.
Recorded data display : Hi n th th i gian b t u và k t thúc ghi d li u. Ngoài ra, hi n th tr ng thái hoat ng.
<ul> <li>Screen display</li> <li>a) SCREEN DIVISION : Ch n ch toàn màn hình ho c chia 4 kênh</li> <li>b) CHANNEL : Ch n toàn màn hình cho m i kênh .</li> </ul>
Audio : Ch n âm thanh B t / T t
<ul> <li>Operation buttons I</li> <li>a) OPEN : Ch n AM4 file.</li> <li>b) EDIT : Ch nh s a hình nh ãl u, l u l i ho c in ra.</li> <li>*Tinh n ng ch nh s a ch xu thi n khi ã ch n kênh.</li> <li>d) AVI SAVE : L u d li u trong nh d ng file AVI.</li> <li>**Tính n ng l u file AVI ch xu thi n khi ã ch n kênh.</li> <li>c) EXIT : K t thúc player.</li> </ul>
<ul> <li>Operation buttons II: Tìm ki m d li u ã ghi.</li> <li>a) Go to the beginning of recorded data and play.</li> <li>b) Fast backward playback</li> <li>c) Backward playback</li> <li>d) Pause</li> <li>e) Forward playback</li> <li>f) Fast forward playback</li> <li>g) Go to the end of recorded data and play.</li> </ul>
Playback speed setting button : i u ch nh th i gian phát l i video b ng các nút ch c n ng .
8 Play bar : Dùng thanh bar tìm d li u ã ghi.

#### Image EDIT

Click "EDIT" vào ch nh s a hình nh.





#### AVI SAVE

Click "AVI SAVE" tr v AVI saving mode.



OPTION : L u d li u AVI file format.
 CHANNEL : Kênh d li u

- FRAMERATE : quy t nh bao nhiêu khung hình trong 1s.
- SIZE : Kich c file.
- -START:Btulu
- -STOP:D ngl u.

AVI SAVE : M thit I p 'Option' b t u I u AVI. óng thit I p 'Option' sau khi hoàn thành I u AVI và tr I i player mode.