

IP Surveillance

ST7501 White Paper

Export

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Revision History

Version	Issue date	Editor	Comment
0.1	2009/04/07	Leo	First draft
0.2	2009/05/21	Peggy	Modified titles
1.0	2009/05/25	Leo	First release
1.1	2009/06/05	David Liu	Checked and modified grammar
1.2	2009/09/15	Polly	Modified that add the Back files

2



Table of Contents

	to AVI
	ed Backup7 Backup11
5. Handar	
V	



Export

1. Convert to AVI

Live Client

1. Set up the AVI settings first:

Length of Each File Maximum Size Maximum Time Interval 1 100 2000 (MB) 	
Video Compression Setting Audio Compression Setting Save to C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\AVI OK Cancel	
QK <u>Cancel</u> AVI settings interface 2. Set up the audio & video codec before recording to AVI:	
AVI Settings Avis Setting Avis Setting)
Save to C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\AVI QK Cancel]
Video Codec Audio Codec	



The maximum size or maximum time interva	
-	Length of Each File
Maximum <u>S</u> ize 💿 Maximum <u>T</u> ime Interval	Maximum <u>S</u> ize Maximum <u>T</u> ime Interval
1 1500 2000 (MB)	1 10 150 (minutes
AVI file maximum size (Maximum: 2000MB)	AVI file maximum time interval
	(Maximum:150min)
Start recording:	
Edit View Configuration Layo	ut Control Help
	9 🖂 < → 🛃
 I2_IP7132_GSM(192.168.3.114) I3_IP7137_AAC(192.168.3.117) I4_IP7135_GSM(192.168.3.119) 	33_I 2009/04/01 下午 02:47:26
 # 25_PZ61X4_MPEG(192.168.3.176) 	
+ 16_IP61X4_MPEG(192.168.3.179)	The second
17_WPTS(192.168.3.164)	and the second sec
H 18_IP7151_Mute(192.168.3.158)	
 I9_FD7141_MPEG(192.168.3.160) 	
20_PT7135_AAC(192.168.3.181)	
21_PT7137_GSM(192.168.3.182)	IP7138_MPEG AVI

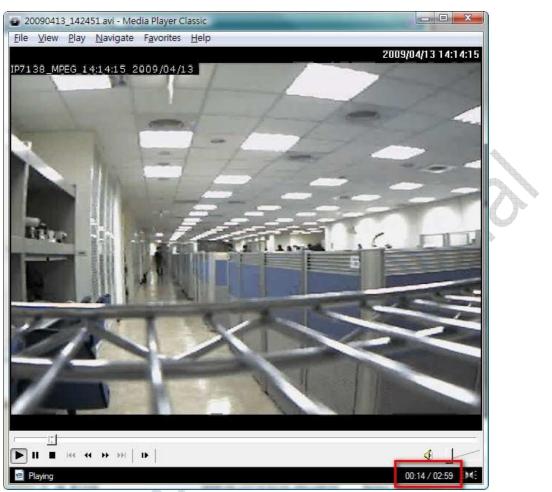
5. Another AVI will be created when the maximum size limit is reached:

av 20090410_172947.avi	100,581 KB
a) 20090410_172947(1).avi	115,918 KB
avi 20090410_173126(1).avi	2,095,451 KB
a) 20090410_173126.avi	2,096,084 KB

Check AVI file size



6. Another AVI will be created when the maximum time limit is reached:



Check AVI file time interval

*The recorded data from Playback also can be converted to AVI files by using Playback with the same settings as LiveClient.



2. Scheduled Backup

1. ST7501 supports scheduled (daily) backup. Users can configure the scheduled backup via the "Schedule Backup Settings".

<image/>	select Backup Source 0, VS7100, MPEG 0 0, P77131, MPEG 0, VS7100, MPEG 0 0, VS7100, MPEG 0, VS7100, MPEG Path 1, MBAGUP Nature 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG VDelete old backups f space is needed 0, VS7100, MPEG <		Schedule Backup Settings			
Al Cameras Selected cameras Image: Selected cameras Image: Selected cameras Image: Selected cameras Image: Selected cameras Image: Selected cameras Image: Selected cameras Image: Select Backup Target: Image: Selected cameras Image: Select Backup Source: Image: Selected cameras Image: Select Backup Source: Image: Selected cameras Image: Select Backup Source: Image: Select Backup Source Image: Select Backup Source: Image: Select Backup Source <t< td=""><td>Image: Selected camers Image: Selected camers Image: Selected came</td><td></td><td>Enable schedule backup</td><td></td><td></td><td></td></t<>	Image: Selected camers Image: Selected camers Image: Selected came		Enable schedule backup			
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02_VS7100_MPEG 03_FD7131_MPEG 04_IP7152_MPEG 04_IP7152_MPEG <<	02_VS7100_MPEG 03_FD7131_MPEG 04_IP7152_MPEG 04_IP7152_MPEG 05_IZ7151_MPEG 06_W80_MPEG		All Cameras <a> Selected cameras			
		0				
Select all cameras or one camera	Select all cameras or one camera		02_VS7100_MPEG 03_FD7131_MPEG 04_IP7152_MPEG 05_IZ7151_MPEG		02_VS7100_MPEG 04_IP7152_MPEG	
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			02_VS7100_MPEG 03_FD7131_MPEG 04_IP7152_MPEG 05_IZ7151_MPEG 06_W80_MPEG	<<	04_IP7152_MPEG	
			02_VS7100_MPEG 03_FD7131_MPEG 04_IP7152_MPEG 05_IZ7151_MPEG 06_W80_MPEG	<<	04_IP7152_MPEG	
			02_VS7100_MPEG 03_FD7131_MPEG 04_IP7152_MPEG 05_IZ7151_MPEG 06_W80_MPEG	<<	04_IP7152_MPEG	



The backup interval should be no less than 1 hour. The user interface will check whether the added time between two backups is less than 1 hour. (An overlap situation should be considered also. Ex: 00:30, 23:45 is not possible). Therefore, there can be 24 backups in one day.

	1/20/00/00/00/00/00/00/00/00/00	00:30	
	>>	01:30	
Backup time : 04 🔹 : 30 🌲	- Internet and the second seco	04:30	

Select Backup time

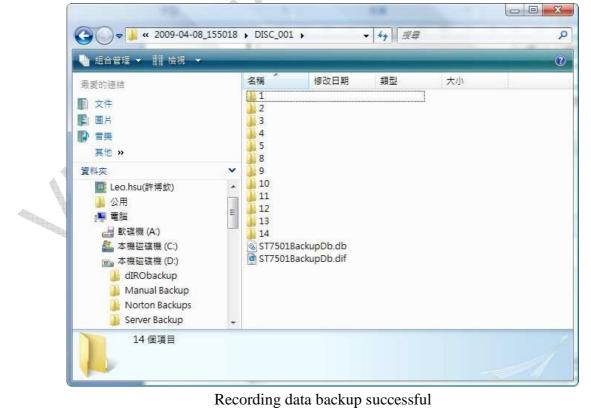
*The program will backup the data from the previous backup to the next schedules backup.

4. The backup data can be divided into a user specified size (VCD/DVD/Unlimited/Custom).

43000241100	D 1 D 1				
Path :	D:\Server Backup)		Browse	
Maximun	n size in a folder :	Custom 👻	10000	МВ	
		VCD			
2 Dalas			1		
Delete	e old backups if spa	Custom			
		Unlimited			

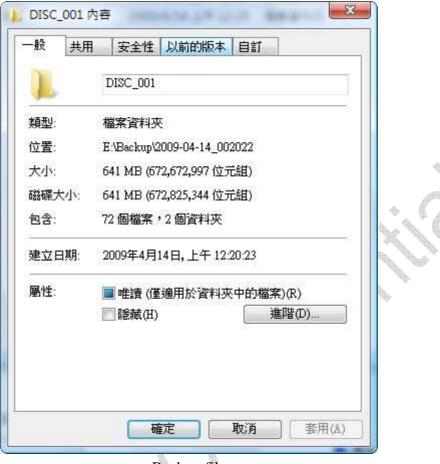
Select Backup type

- 5. Once the backup time limit is reached, the backup program will begin recording.
- 6. The user can check the backup recording data in the designated path.





7. When selecting VCD size, a new backup file is created once the old one reaches 650MB.



Backup file

*Backup size limits based on type:

	Folder Type	Max Size
ø	VCD	650MB
	DVD	4.7GB
Æ	Custom	Maximum: 2000TB
ø	Unlimited	Until space is full



8. If you want to see the back files, and please right click Local DB and click Add or click the **Add** button below.

	-	iystem Edit View Configu	ration Lavout Help					
							Station Name: 192 Login Time: 200 Current Time: 200	
		wsing Time Search Event Search		5			Content time: 20	
	1	Maraged Stations (192.166.3.26) (192.166.3.26) (103.06) (104.166.3.26) (105.166.3.26) (105.166.3.26) (105.166.3.26)			VIVOT	≡К	Xv	
					VIVOT	EK	80	9.
				0000-00-00 00:00:00	M M II D I	IN M & >	Time Z	
		Add Remove Backup			le Gila			
			A	dd the Bac	k file			
0	Salaat tha haa	le files and the		w maaanda	d data via Dla	vhaalr		
9.	Select the bac	k files and the		1				
		Browsing Event Search Log Vi	ewer		P7138_HTTPS 9:44:34 20	2009/4/13 09/04/1	上午 09:44:54	
		H [192.168.3.14	9)			-	-	
		Local DB	up\2009-04-14_151013\DI	5C_001	LA	J.	-	
		- 🚾 200)9-04-12)9-04-13				-	
		Load Backup	File	-				
		搜尋位置①:	→ DISC_001 名稱 修改日期		③ 🌮 📴 🖬 - 大小			
		最近的位置	ST7501BackupDb.dif			01-		
		100 A						
		Leo.hsu(許博						
		欽) (人)						
		電腦	檔案名稱(M): ST7501Ba 檔案類型(I): Recording	ckupDb.dif DB(*.dif)	 ▼ 開設舊檔(C 取消 			
				1	01_1P7138_HTTPS	Start 2009-04-12	15:11:54	
			Select Ba	ickup Data	base to Play			
					-			



3. Manual Backup

1. ST7501 can export data to a user specified path, either one file, one day, or all the data for one camera. The export data should be a database and contain an executable file for browsing.

Export data for one camera:

	Backup Settings
	Start Time:
	2009/ 4/12 - 00:00:00
	End Time:
	2009/ 4/14 - 23:59:59
	Save to
	D:\Manual Backup\test
	Backup Cancel
	Backup Settings(All Day) interface
	Daekup Settings(An Day) interface
Export data for on	ne day for one camera:
	Backup Settings
	Start Time:
	2009/ 4/12 👻 00:00:00 🏝
	End Time:
	2009/ 4/12 - 23:59:59
	Save to
	D:\Manual Backup\test
	Backup Cancel
	Paolum Sottings (One Day) interface
	Backup Settings(One Day) interface



Export data for specified files:

Backup Settings		X]	
Start Time:			
2009/ 4/12 🝷 16:34:36			
End Time:			
2009/ 4/13 👻 11:02:28			
Save to			
D:\Manual Backup\test]		. 0
Backup	Cancel		VXV

Backup Settings(Time Interval) interface

2. Shows the backup status:

2009-04-13 11:27:10	Pause
Backup process	
	Backup process



3. If you want to see the back files, and please right click Local DB and click Add or click the **Add** button below.

Image: set of the					
<complex-block></complex-block>					
Add the Back file					
Add The Back file					
Add the Back file					
The user can play recorded data via Playback					
The user can play recorded data via Playback					
Browsing Event Search Log Viewer 01_IP7138_HTTPS 2009/4/13 上午 09:44:54					
□ □ □ [192.168.3.149)					
i → ₩ 01_IP7138_HTTPS					
Load Backup File					
搜尋位置①: ↓ DISC_001					
桌面					
Leo.hsu(許博					
電磁 檔案名稱(M): ST7501BackupDb dif → 開設舊檔(O) 檔案類型(I): Recording DB(*.dif) → 取消					
Start 2009-04-12 15:11:54					
Select Backup Database to Play					



•Differ	Differences between Server Backup and Manual Backup				
	Manual Backup	Backup is more flexible	Only backup one camera		
		in that you can define the	at a time.		
		backup size and interval			
		as needed.			
	Server Backup	Cannot define the backup	Supports backup of all		
		interval and the backup	cameras or only selected		
		will not start until the	camera(s).		
		schedule begins.			