



Contents

1. Preface	1
2. Introduction of Main Menu	1
2.1 Import Information	2
2.2 Import Status Section	3
2.3 Others	4
3. Setup Window	5
3.1 TV Channel, Storage Path, and Color Setup	6
3.1.1 TV Channel Setting	7
3.1.1.1 Channel Info	8
3.1.1.2 Function Buttons	9
3.1.1.3 Channel List Table	- 10
3.1.2 Storage Path Setting	- 11
3.1.2.1 Path Info	- 12
3.1.2.2 Function Button	- 12
3.1.2.3 Stored Path List Table	- 13
3.2 Import Path and Group Code Setup	- 14
3.3 Mode Selection& IP address Setup	- 15
3.3.1 VLib Mode	- 15
3.3.2 IP Address setting	- 16
3.3.3 Database format setting	- 17
3.4 Miscellaneous and Language Setup	- 18
3.5 Redundant VLib System Setup (Optional)	- 19
3.5.1 Generate and Shear folders	- 19
3.5.2 TV Channel Setting	- 23
3.5.3 Database Recover (Redundant system only)	- 25
4. Manual Import	- 28
4.1 Import Setting Area	- 29
4.2 Import Editing Area	- 30
4.2.1 Media File Check Dialog	- 32
4.2.2 How to Load KTC File	- 33
4.2.3 Program Clip Editing	- 34
4.3 File Import Worksheet	- 36
4.4 File Transfer Status and Disk Space Displaying Area	- 37
5. Automatic Import	- 38

5.1 Auto Import path setting	- 38
5.2 Place Video File to Folder Classified	- 40
5.3 Start Importing	- 42
6. Database Maintenance / Queries	- 44
6.1 Searching condition setting area	- 45
6.2 Database operating and maintaining area	- 46



Introduction of HQP-VLib Program Library System

1. Preface

HQP-VLib is an auto-import resident program, which only requires setup of data paths to automatically import media files to HQP-1000 broadcast scheduling system for selections of movie programs in a later time. VLib uses SQL or Access database to manage metadata of media file clips. The real media files are stored in local or remote storage device and its backup disk array (optional). Two identical video library servers and disk arrays can form a mutual supportive Redundant VLib System. Both video libraries can therefore remain consistent with each other.

2. Introduction of Main Menu

HQP-VLib system comes out three different modes: Server, Client and Single modes. All modes have both auto-import and manual import functions. The different main menu are illustrated as the following graphs.

💐 DEMO HQP-VLIb (M	1-DB] Release-1.00 2009-2011 (C) JU-SOFT	×	HQP-VLib [M-E	08] Release-1.00 2009-2	2011 (C) JU-SOFT	_ _ ×	HQP-VLIb [M-	DB] Release-1.00 2009-	2011 (C) JU-50FT	X
	HQP-VLi	b Server			HQP-VLi	b Client			HQP-VLi	b Single
Local I	PAddress 192 . 168 . 2 . Category P.program V Channel	3 ?	Remote	VLib Address 192 Category P. progr TV Channel	. 168 . 2 . am	1 ?	Lo	ocal IP Address 192 Category P. prog TV Channel	. 168 . 2 . am	2 ?
Time	File Name	Message	Time	File Name		Message	Time	File Name		Message
∢ System idling		×	↓ System idling	-		E	• System idling			<u> </u>
<u> </u>	20 records limited in Demo version							20 records l	imited in Demo version	
۱	Serve Serve	er 🕑	0	0	Clier	nt 🗿	0) 🔒 🔊	Sing	e 🕑

HQP-VLib provides auto-backup mechanism. The system on daily basis automatically creates the day's data directory which is named in western calendar year-month-day format, and copies the database to the day's directory.





2.1 Import Information

Remote V	Lib Address	192	. 168	12	2	1	?
2	Category	P. program	n			-	
2	TV Channel					-	D

(1). The IP address of VLib server is set in setup window "

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Category of the currently importing media file will be displayed here. Folders will be automatically created to import source save path by ten categories.
 Users only need to categorize media files before importing, and the imported files will be automatically sorted.

Category	P. program	-
	P. program	
	A. public service AD	
	B. commercial AD	
	C. opening song	
	D. ending song	
	E. image AD	
	F. sell AD	
	G. portrait video	
	H. substitute	
	I. other	

[3]. Under Server / Client mode, users can select TV channels from the drop-down list, and media files will be automatically imported into the channel folder.



button again.







2.2 Import Status Section

Time	File Name	Message
17:20:52	S4-50Mpbs-20S.mpg	Importing
17:20:28	000000027_S3-50Mbps-10S.mpg	Import completed
17:20:10	000000026_S2-50Mpbs-05S.mpg	Import completed
17:19:48	000000025_S1-50Mbps-05S.mpg	Import completed
		1
I [
Storage Path Complete 3 fi Average writi	= D:\HQP_Data\Video\20120808_ => 286.77G, lesProgram ID=000000028, 45056 KB / 126298 l ng rate: 10.000(MB/s), Interval: 200(ms)	/368.10G KB 2
	20 records limited in Demo vers	sion 2

- [1]. The status of importing file will be listed here.
- [2]. File transmission speed, available hard disk space, and the number of completed files will be shown in this area.
- [3]. Demo limitation notice and video clip importing progress bar.
 Notice (!): In VLib Demo version, users can freely switch among three modes.
 However, the number of imported files is limited to 20.





2.3 Others



- [1]. Click the button to manually import media file and edit metadata.
- [2]. Users are allowed to add metadata before importing the real media file.

- [3]. In Server or Single mode, users can click the button (the upper icon) to inquire/maintain media files and metadata. In Client mode, the icon will be shown as the lower one, and users are only allowed to inquire media files and metadata (without the right to edit or modify).
- [4]. Click the button to open the setup window.
- [5]. Click to exist.







3. Setup Window

In the main menu, click the setup button " To open VLib Setup Dialog. Users are allowed to add new channel names $\$ specify import main path $\$ assign backup hard disks among other setups. For VLib demo version, users can switch among Server $\$ Client and Single modes, and VLib will decide which functions to enable accordingly. The system setup window is as the following graph. For the commercial version, the window displays fixed functions accessible with the modes of your purchase.

TV Channel Setting	Storage Path Setting
Channels Setup write	to Backup DB
Auto-import path	D:\wideo import\ Clear
🔽 After importing, keep	p the origin Automatic import group code 1~99 1
Modle Setup	🔽 Server 🗖 Client 🗖 Single
Master IP Address	192 . 168 . 2 . 3
Backup IP Address	192 . 168 . 2 . 1 Clear
C SOL DB	
© SQL DB @	Access DB Backup mode
© SQL DB 6 © Master mode 6	F Access DB Backup mode
⊂ SQL DB © ™Master mode ⊂	Access DB Backup mode Minimum hard disk capacity/ GB 20 💌
⊙ SQL DB G ⊙ Master mode G	Access DB Backup mode Minimum hard disk capacity/ GB 20 • Transmission package/ KB 2048 •
⊙ SQL DB G ⊙ Master mode G	 Access DB Backup mode Minimum hard disk capacity/ GB 20 Transmission package/ KB 2048 Transmission interval/ ms 200
⊙ SQL DB G ⊙ Master mode G	 Access DB Backup mode Minimum hard disk capacity/ GB 20 Transmission package/ KB 2048 Transmission interval/ ms 200 Update cycle for Automatic import/ sec 10
⊙ SQL DB © ⊙ Master mode ⊂	 Access DB Backup mode Minimum hard disk capacity/ GB 20 Transmission package/ KB 2048 Transmission interval/ ms 200 Update cycle for Automatic import/ sec 10 Daily reboot time H/M 00
○ SQL DB ○ Master mode O	Access DB Backup mode Minimum hard disk capacity/ GB 20 • Transmission package/ KB 2048 • Transmission interval/ ms 200 • Update cycle for Automatic import/ sec 10 • Daily reboot time H/M 00 • 00 •

- [1]. TV Channel (only in Server/Client mode), Storage Path, and Color setup section
- [2]. Import Path and Group Code setup section
- $\left(\ 3 \ \right)$. $\ \ VLib$ Mode, IP address and Data Base setup section
- $\left(\,4\,\right)$. $\hfill Miscellaneous Setups and Language setup section$





3.1 TV Channel, Storage Path, and Color Setup



- [1]. "^{TV Channel Setting}": In "Server" mode, click this button to open channel setup window that allows you to add new channels; in "Client" mode, you can only view the window contents but not modify; in "Single" mode, this setup is all disabled.
- (2). "Storage Path Setting": In "Server" or "Single" mode, click this button to open media file store path setup window to add new store paths. In "Client" mode, you can only view the window contents, but not modify.
- [3]. Tick to write the same TV Channel Setting of Master VLib to Backup.
- Click " to open color setup window, and users can define colors of the ten categories.

Custom Colors Setup	×	
P.Program		
B.Commercial AD		
A.Public service AD		
C.Opening song		
D.Ending song		
E.Image AD		
F.Sell AD		
G.Portrait video		
H.Substitute		
I.Other		
Enable Custom Colors		
Save Ca	incel	

[5]. Click "on-line help" button for more information.

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3.1.1 TV Channel Setting

HQP-VLib provides channel setup functions that allow users to specify channel names set up media file store path and assign media file auto-import path, and have the directories in shared mode under desired access controls.

In "Server" mode, all the channel setups are available; in "Client" mode, only window viewing is allowed, no modification; in "Single" mode, the setup is disabled. The window shows as following:

	Storage	nath	ath D:\/Lib\test-01\T/\							
	Storage :	oath2	D:\VLib\	test-0	2\TV					
Au	to-import	t path	D:\VLib\	impor	11					
	Descri	iption	TEST		2. <u>.</u>					
Grou	p Code 1	~99	1							30.
Ado	4				Save		Delete	•	E	Exit
J TV	Channel	Stor	age path	Stor	rage path	Auto-ir	mport path	Desc	ription	Group
TV		D:\V	′Lib∖tes	D:\\\	/Lib\tes	D:\VLi	b\import\	TES	Γ	1
		_								

[3]. Channel list table



3.1.1.1 Channel Info

tup for T¥ Channel		
TV Channel	ATV	7 ?
Storage path	\\192.168.2.3\Master\	
Storage path2	\\192.168.2.1\Backup\	
Auto-import path	\\192.168.2.2\Editor\	
Description	test	
Group Code 1~99	1	

- [1]. Channel name input box.
- [2]. VLib system will automatically generate directory of the channel under the designate storage path, storing imported media files.
- [3]. Users can direct a folder for backup storage.

Notice (!): In Single or Client mode, the storage path should not locate in local computer.

- [4]. Channel path of automatic import source can be designated here.
- [5]. Users can input channel description and remark here.
- $\begin{bmatrix} 6 \end{bmatrix}$. Users can classify channels into groups by designating group code ranging from 1~99. "0" indicates channel group is not specified.

Notice (!): In Client mode, users can only modify "Auto-import source" in condition that group code is identical to auto-import group code preset in the system.

Click "on-line help" button for more information. [7].







3.1.1.2 Function Buttons



- After completion of the Channel Info inputs, click the "Add" button to add the [1]. info data to the following Channel List Table.
- [2]. Double-click channel item you want to modify from the list, and click the button to save the modification.
- [3]. To delete a channel item in Channel List Table, highlight it and then click the "Delete" button.
- [4]. Click the "Exit" button to exit and close the Channel Setup Window.







3.1.1.3 Channel List Table



Channels added and modified are displayed in Channel List Table. The "ID" column contains system serial numbers that are not to be modified.

- [1]. ID name [2]. TV Channel [3]. Storage path [4]. Backup storage path [5]. Auto-import path [6]. Description
- [7]. Group Code





3.1.2 Storage Path Setting

In "Server" or "Single" mode, VLib allows users to add media file store paths and assign its default path. The user interface is as following:

Storage path	D:\HQP_Data\Video\ 290.34GB T	otal space for hard	 368.10GB
Set as default path	Add	Delete	Exit
Storage path	Free Space(GB)	Total Space(GB)	Used store
.∢ Current path D\\H	IQP_Data\Video\		

- [1]. Path Info
- [2]. Function button
- [3]. Stored Path List Table





3.1.2.1 Path Info



- The setting window allows users to designate storage path only from the local disk drive. If you designate storage directory under E: drive, storage path will be automatically set as "E:\VideoE\". Except default storage path is set as "D:\HQP_Data\Video\".
- [2]. Free space of the currently using hard disk drive
- [3]. Total space of hard disk drive
- [4]. Click "on-line help" for more information

3.1.2.2 Function Button

Set as default path	Add	Delete	Exit	1	
1	2	2	4		
		9			

- Select any storage path from the list, and click the button to set the one as the default storage path. The system reserved default path is
 "D:\HQP_Data\Video".
- [2]. After editing storage path, click the button to create a new storage path to the list.
- [3]. Select/highlight a designate storage path to delete from the list, and then click the button to remove it (It won't remove real files, only the database record).
- [4]. Exit and close storage path setting window





3.1.2.3 Stored Path List Table

Storage path	Free Space(GB)	Total Space(GB)	Used storage
D:\HQP_Data\Video\	290.34GB	232.88GB	Y
-		i)	
Current path D:\	HQP_Data\Video\		

Store Path List Table displays the outcome of adding and deleting store paths. The "Current Store Path" box on the low-left corner of the window is dynamically updated by the system during the setup process. If the path in "Current Store Path" is deleted, the system will automatically switch to the default path as the current store path. All storage path data will be displayed on the list, and "Y" shown on "Used storage" field indicates the currently using storage.





3.2 Import Path and Group Code Setup

1	Auto-import path	D:\video impo	rt\		Clear
2	🔽 After importing,	keep the origin	Automatic import group co	de 1~!	99 1

- [1]. If source files are in external hard drive, you can designate the hard drive as import path and then click the "button to start importing.
 - Tick the box, and the original file will be moved to the "ImportOK" directory
- [2]. which is automatically created under the given source path after importing; otherwise, the original file will be automatically removed
- [3]. Set auto-import group code in this box, ranged from 1 to 99. Set to "0" indicating no group code is given and media files are stored in all channels.





3.3 Mode Selection & IP address Setup

1	Modle Setup	🔽 Server		Client	Γ	Single
	Master IP Address	192 .	168 .	2.	3	
	Backup IP Address	192 .	168 .	2.	1	Clear
2	O SQL DB O A	ccess DB	-3			
	🖲 Master mode 🛛 🔿 Ba	ackup mode				

- [1]. VLib mode selection area
- [2]. IP address setting of Master or Backup computer
- [3]. Database format setting area

3.3.1 VLib Mode

VLib will be set as Server, Client, or Single mode according to users' purchase. Users are allowed to change mode of VLib in Demo version.

Modle Setup	▼ Server	🗖 Client	🗖 Single	
	1	2	3	
(1). VLib "Serv	ver" which stores vic	leo files.		
[2]. VLib "Clie	ent" which imports v	ideo files.		

[3]. VLib "Single" which can both stores and imports video files for one channel.





3.3.2 IP Address setting



- [1]. Master IP Address: In Server or Single mode, please enter IP address of local computer; in Client mode, please enter IP address of remote VLib server and make sure that you have the permission to read and write HQP_Data directory in VLib server.
- [2]. Backup IP Address: A Master VLib can be connected to a Backup VLib, so 2 sets of VLib can work simultaneously. Users need to enter correct IP address for Backup VLib.

Notice (!): In Client mode, "127.0.0.1" which stands for the local IP Address should be typed in Master IP Address, and leave blank in Backup.

- [3].Click "Clear" to clear the Backup IP Address box.
- [4]. In Server or Single mode, users can select Master or Backup mode for local computer with Redundant VLib system.





3.3.3 Database format setting



 SQL DB: It is suggested to use SQL Server as VLib Database in a multi-channel system (Optional). Double-click it to open the dialog box.

🗖 Use'	Windows Authentication	Save
UID	Jusoft	
PWD	VLib	Exit

- 1. Tick the box to log in SQL server using local PC ID; otherwise, you need to log in with SQL ID.
- 2. When logging in with SQL ID, input Login ID and password here.
- 3. Save and exit the dialog.
- 4. Exit without saving.
- [2]. Access DB: It is the default Database format.









- [1]. When available space of hard disk is smaller than the capacity set here, a warning will pop up and ask you to delete some files to continue importing.
- [2]. Users can adjust packet size (KB) of each transmission from the drop-down list.
- [3]. Users can set transmission interval before the next packet should be sent.
- [4]. Users can set waiting time (Sec) before proceeding to the next automatic import when each file has been imported.
- [5]. Users can avoid the rush hour to set the daily restart time of VLib program.
- [6]. Select a language from the drop down list.
- [7]. Save changes and restart VLib program.
- [8]. Exit and close the window without saving.







Users can form a fault-tolerant VLib server system by setting one as Master video library and the other as Backup. The feature of consistency check and adjust function will always keep two VLibs' contents consistent with each other. Once Master or Backup VLib computer fails, users can easily recovery or replace with a new one.



- [1]. Open the folder of DAT (D :) on Master VLib computer.
- [2]. Right click on blank area of the folder, and click "Folder" in the "New" tab.
- [3]. Enter designate name of Master storage folder. For instance, we type in "Master" here.

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>O⊃ 👝 - Compute	r 🔻 DAT (D:) 👻				
rganize 🔻 ラ Open I	Play Include in libra	ary 🔻 Share with	▼ Burn	New folder	
🚖 Favorites	aaa 🕼]] TEST		
🧮 Desktop	DataEx] test vid	eo	
퉳 Downloads	DataSx		🔒 Vegas F	'ro 10.0	
🔛 Recent Places	🔒 Freez Screer	n Video Capture 1.2] video in	nport	
4713	HD PROGRA	м	🔒 VLib		
Libraries	HD PROGRA	M 60M	🔒 VlibTest		
Documents	HQP_CrawlE	x_Sys	Nindow	vsImageBacku	.p
	HQP_Data		MediaID).bin	
	HQP_LogR	Open			Ĩ.
Mueos	HQP_Strea	Open in new window	v		
💶 Computer	HQP_Sys	Add to Windows Me	dia Player lis	t	
🏭 SYS (C:)	HQP_Tutor	Play with Windows I 7-7in	Media Player		
DAT (D:)	HQP-1132F	Scan with Microsoft	Security Ess	entials	
	HQP-Captu	Shara with			
陣 Network	HQP-Cross	S S S S S S S S S S S S S S S S S S S			Specific people
	HQP-expo	Restore previous ve	ersions	3	
	MEVIN-W7L	Include in library		•	
	Master	Send to			

- [4]. Right click on the folder "HQP_Data".
- [5]. Move the cursor to "Share with" and then click "Specific people", and the "File Sharing" window will pop up.





e Sharing	
3 File Sharing	
Choose people on your network to share t	with
Type a name and then click Add, or click the	arrow to find someone.
,,,	
Everyone	Add
Name	Permission Level
Administrators	Owner
🕵 Everyone	Read/Write 💌 Read
🙎 KEVIN	Read/Write 🔻 🗸 Read/Write
	Remove
I Tm baying trouble sharing	
The new ing crouble sharing	10
	Change 1

- [6]. Select "Everyone" in the drop-down list.
- [7]. Click "Add".
- [8]. Click the name we just added (Everyone).
- [9]. A small window will pop up, and select "Read/Write".
- (10). Click "Share" to confirm changes.

File Sharing	
8 File Sharing	
Your folder is shared. You can <u>e-mail</u> someone links to these shared item	is, or <u>copy</u> and paste the links into another program.
Individual Items	
HQP_Data \\KEVIN-W7U\HQP_Data	
Show me all the network shares on this computer.	11

[11]. Click "Done" in the pop up window to confirm.





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3.5.2 TV Channel Setting

HQP-VLib [M-DB] Release-1.00 2009-2011 (C) JU-SOFT	X Setup Dialog
HQP-VLib Server	TV Channel Setting Storage Path Setting Custom Colors ? Custom Colors ?
Local IP Address 192 168 2 3 ? Category P. program Image: Comparison of the state	Image: Setup write to Backup DB Auto-import path Image: After importing, keep the origin Automatic import group code 1-99 Modle Setup Image: Setup mode Master IP Address IP2 . 168 . 2 . 3 Backup IP Address IP2 . 168 . 2 . 1 Clear C SQL DB Image: Access DB Image: Master mode Image: C Backup mode Minimum hard disk capacity/ GB Image: C Backup mode Image: C Backup mode <tr< th=""></tr<>

- [1]. Open VLib and click on "Setup" button.
- [2]. Tick this box to write the same setting into a backup VLib computer.
- [3]. Click to open TV Channel Setup dialog.

Setup for TV Channel		×	Setup for T¥ Channel				2
TV Channel	ATV 4	?	13 TV Channe	BTV			?
Storage path	\\192.168.2.3\Master\ 5		Storage pat	h \\192.168.2.3\M	aster\ATV\		
Storage path2	\\192.168.2.1\Backup\ 6		Storage path	2 \\192.168.2.1\Ba	ackup\ATV\		
Auto-import path	\\192.168.2.2\Editor\		Auto-import pat	h \\192.168.2.2\Ea	litor\		
Description	test 8		Descriptio	n test			
Group Code 1~99	T 9		Group Code 1~99	1			
Add 10	Save Delete	Exit	Add		Save	Delete	Exit
ID TV Cha Message	×I	Descrip	ID TV Channel	Storage path	Storage path	Auto-import path	Descri
			6 ATV	\\192.168.2.3\M	\\192.168.2.1\B	\\192.168.2.2\Edi	test
	Please restart the program to complete the modifications!		12				
							_

[4]. Enter TV Channel name.







[5]. Enter the storage path in IP address format, and the designate folder name we just created.

Notice: The format of the path is: "\\IP Address\Folder Name\".

- [6]. Enter Backup storage path following the IP address format, and the designate folder on Backup VLib computer.
- [7]. Enter the auto-import path in IP address format, and the designate folder name.
- [8]. Enter the description of this channel.
- [9]. Choose the group code of this channel.
- (10). Click "Add" to create new TV Channel setting.
- [11] . A message window will pop up, and click "OK" to confirm.
- [12]. The TV Channel will display in the channel list table.
- [13]. Users can follow the same steps above to add a new TV Channel.

nual im	port									
	File Type 1.Sta	andard	*	Category	P. progra	m 🗾	T۱	/ Channel AT	V	• ?
S	torage path \\192.168	3.2.3\Master\ATV	20120813\					Load KTC	С	ut tools
	Video file D:\media	a\E3-50Mpbs-10S	6.mpg) D	uration 00:00:10:00	Select	Cut 01~08		
	Audio file)	uration	Select	Cut 09~16		
Low-re	solution file				-		Select	Cut 17~24		
	Subtitle file						Select	Cut 25~32		
	Program E3-50M	pbs-10S		n DS-	Fitle F	Pa Logo None	-	Cut 33~40		
	Keyword					Rt LogoNone		Cut 41 *48		
	Demorte							Cut 49~56		
	Remark (Add to Wo	orksheet	Cut 57~64	·]	
/orksh	eet						10			1
No	File Name	Duration	Remote Path	Local Path	Status	Program Name		Remark	Keyword	Start importing
										Stop
										Delete
										Delete All
										Exit
41									•	
			A T) 600100010	024 500 4050 7	-0				للكر	
M	ain storage path \\ 19	z. 166.z. s Iviastery	AIV/20120013/ =	> 204.52G / 250.75	ou	14				
Back	up storage path \\19	92.168.2.1\Backup	ATV\20120813\	=> 1716.49G / 186	2.51G					
	Import progress									

[14]. Master and Backup storage path will be display on Manual import window, and the import files will be synchronized to both VLib computer.





3.5.3 Database Recover (Redundant system only)

If one of the redundant VLib computers fails, users can synchronize the clip files by using HQP-VLib Sync.

	HQP-VLibSync 2012(C) JU-SOFT Bulid 1.0.0.0	-IX
HQP-BPlayer HQP-VLibSync	DB Path :	2 Setting
1	Remote HQP Link Status	Exit
<u> </u>	Local HQP Link Status	2
HQP-VLib	ReCheck Convert Stop Now / DB Tot.	al :

- [1]. Double click the icon of HQP-VLib Sync to open VLib Sync program.
- [2]. Click "Setting" to open setting dialog.

Local IP :	192 . 168	. 2. 3	Source DB Path
Reboot			
	23 ▲ Hour	55 A Minute	SQL Server Setup
Kill Log —			Language :
		(0 = No Kill)	English
	0 A Hour	0 Minute	☑ Start And Minimize
Net Limit—		(Max = 99)	
HUMIN		(NoWaring = 0)	Save
Every	2048 • KE) (1MB = 1024KB)	Beturn
Delay	1000 * ms	s (1Sec = 1000ms)	
CheckCir	rde(sec) 30	(No Waiting = II)	?

[3]. Enter Local IP Address.







Click "Source DB Path" to open folder explorer. [4].

ganize 🔻 New folder			==]
_ _	Name *	Date modified	Туре	
Network	BAK_DB	11/16/2011 9:49 AM	File folder	
1542/5000000	🕌 Log	3/3/2012 2:43 PM	File folder	
AD2008	🔑 old	4/25/2012 10:35 AM	File folder	
ASUS-39EC021DDS	🔑 sql2005	12/28/2011 3:54 PM	File folder	
🚇 BACKUP2	길 sql2008	12/28/2011 3:54 PM	File folder	
🚆 BFC-XP2 🛛 🧧	HQP_VideoDBSQL.mdf	7/28/2011 5:45 PM	MDF File	
CJC-XP	PlayListDBSQL.mdf	8/13/2012 8:33 PM	MDF File	
DEMO-PC DLINK-643155	VideoDBSQL.mdf	8/13/2012 8:33 PM	MDF File	
NS-SERVER				
💻 DON			-	
👰 ELLE-PC 📃	•			

- [5]. Unfold "Network".
- [6]. Select the VLib computer which we want to synchronize.
- [7]. The Data Base data are placed under "\\D:\HQP_Data\VideoDB\\".

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[8]. Choose the Data Base data we want to synchronize.





HQP-VLib User Manual

R1.4

	(ideoDB)HOR VideoDBSOL rodf	×
Local IP:	192 . 168 . 2 . 3	Source DB Path
Reboot	Hour 55 A Minute	SQL Server Setup
-Kill Log 0 0	▲ Day (0 = No Kill) ▲ Hour 0 ▲ ▲ Hour 0 ▲	Language : English
Net Limit HDMin 0 Every 2048 Delay 1000	GB (Max = 99) (NoWaring = 0) ★ KB (1MB = 1024KB) ★ ms (1Sec = 1000ms)	10 Save Return
CheckCircle(seo	:) 30 (No Waiting = 0) (. (C) U-SOFT 儒園系統 Bulid 1.0.0.0	
2 ^{DB Path} :	\\192.168.1.36\HQP_Data\Vi\HQP_Video Remote HQP DB Fail I Please Re-connect . Local HQP Link Status	DBSQL.mdf Setting Exit ?
ReCheck	Convert Stop Now / DB Total	: 0/0

- [9]. The file path will be displayed on setting window.
- [10]. Click "Save" to confirm and save changes.
- [11]. The Data Base data will be displayed in IP address format.
- [12]. Click to start to synchronize.





4. Manual Import

	File Type	1.Standa	ard		Category P. pro	ogram 🗾		TV Channel BTV	<u> </u>
9	Storage path D:	\HQP_Dat	a\Video\20120	1809\				Load KTC	Cut tools
	Video file D:	\media\T2	1-50Mpbs-30S	.mpg		Duration 00:00:30:00	Selec	t Cut 01~08	
	Audio file					Duration	Selec	t Cut 09~16	
Low-re	esolution file				 		Selec	t Cut 17~24	
	Subtitle file						Selec	t Cut 25~32	
								Cut 33~40	
	Program T	21-50Mpbs	s-30S		DS-Title	Pg_LogoNone		Cut 41~48	
	Keyword					Rt_LogoNone		- Cut 49~56	
	Remark					Volume A1.00		Cut57~64	
						Add to W	Vorksheet	t l	
_								·	
/orksl	heet				[
/orksl No	heet File Name	204	Duration	Remote Path	Local Path		Status	Program Name	Start impo
/orksl No 1 2	heet File Name T07_H.264.m E3-50Mpbs-1	1p4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\T07_S50M	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impor
/orksl No 1 2	heet File Name T07_H.264.m E3-50Mpbs-1	np4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impo
Vorksl No 1 2	heet File Name T07_H.264.m E3-50Mpbs- ¹	np4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impo Stop Delete
/orksl No 1 2	heet File Name T07_H.264.rr E3-50Mpbs-1	np4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status —	Program Name T07_H264 E3-50Mpbs-10S	Start impor
Vorksl No 1 2	heet File Name T07_H.264.m E3-50Mpbs-1	ıp4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status	Program Name T07_H.264 E3-50Mpbs-10S	Start impo Stop Delete Delete
Vorksl No 1 2	heet File Name T07_H.264.m E3-50Mpbs-1	ıp4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impo Stop Delete Delete
Vorksl No 1 2	heet File Name T07_H.264.m E3-50Mpbs-1	ıp4 10S.mpg	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impor
Vorksl No 1 2 4	heet File Name T07_H.264.m E3-50Mpbs-1	1p4 10S.mpg h D:\HQP.	Duration 00:00:10:01 00:00:10:00	Remote Path C:\Users\HQP\D D:\media\E3-50 0120809\ => 234.830	Local Path D:\HQP_Data\Vic D:\HQP_Data\Vic	deo\20120809\T07_H deo\20120809\E3-50M	Status —	Program Name T07_H264 E3-50Mpbs-10S	Start impor Stop Delete Delete A Exit
Vorksl No 1 2 4 M Back	heet File Name T07_H.264.n E3-50Mpbs-1	1p4 10S.mpg h D:\HQP.	Duration 00:00:10:01 00:00:10:00 	Remote Path C:\Users\HQP\D D:\media\E3-50 0120809\ => 234.830 ta\Video\20120809\	Local Path D:\HQP_Data\Vid D:\HQP_Data\Vid G:\250.75G => 1716.89G / 1862	deo\20120809\T07_H deo\20120809\E3-50M 251G	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impor
Vorksl No 1 2 2 4 M Back	heet File Name T07_H.264.n E3-50Mpbs-1	np4. 10S.mpg h D:\HQP_ h \\1192.16	Duration 00:00:10:01 00:00:10:00 	Remote Path C:\Users\HQP\D D:\media\E3-50 0120809\ => 234.830 ta\Video\20120809\	Local Path D:\HQP_Data\Vid D:\HQP_Data\Vid G/250.75G => 1716.89G / 1862	deo\20120809\T07_H deo\20120809\E3-50M 2.51G	Status —	Program Name T07_H.264 E3-50Mpbs-10S	Start impo Stop Delete Exit

- [1]. Import Setting Area
- $\begin{bmatrix} 2 \end{bmatrix}$. Import Editing Area
- [3]. File Import Worksheet
- [4]. File Transfer Status and Disk Space Displaying Area





4.1 Import Setting Area

This section has three different parts, and they are 1.file types > 2.program types > 3.channel names, illustrated as follows.

File Type 1.Stand	ard 🗾 Catego	ry P. program 💽	TV Channel ATV	•
1.Stand 2.With s	ard econd audio file	P. program A. public service AD B. commercial AD C. opening song D. ending song E. image AD F. sell AD G. portrait video H. substitute I. other	3 ATV BTV	29
[1].	Users can select file type from (1) Standard media file (2) M file.	n the drop down lis edia file attached w	t. There are two types of File: with second language audio	
[2].	Select video category from th	e drop down list, w	hich is classified into ten	

- kinds.
- [3]. Select TV channel from the drop down list and the file will be imported into the storage of the channel managed accordingly.

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	gram\HD Program-6.mpg	Duration 00:06:18:20	Select	Cut 01~08	00:00:00:00_00:01:34:17
Audio file D:\HD PROGRAM\HD Pro	gram\HD Program-6.wav	Duration 00:06:18:19	Select	Cut 09~16	
ow-resolution file			Select	Cut 17~24	
	gram\HD Program-6.txt		Select	Cut 25~32	
				Cut 33~40	
Program HD Program-6	DS-1	itleLUPg_Logo P2_Logo.tga	· <u>·</u>	Cut 41~48	
Keyword program	9	11 Rt_Logo R1_Logo.tga	i 🔻	Cut 49~56	
Bemark With Audio and Subtitle		12 Volume A1.00		0.457~64	16

- [1]. Storage path of the imported file(s).
- [2]. Click the "Select" button to select video file you want to import. By clicking the "P" button, you are able to preview and confirm video content.
- (3). If it's a bilingual TV program, users can click the "Select" button to select

and import second language audio *wav file. By clicking the " button, you are able to preview and confirm audio content.

[4]. Click the "Select" button to select low resolution video file you want to

import. By clicking the " button, you are able to preview and confirm file content.

[5]. Click the "Select" button to select and import subtitle *txt file. By

clicking the " button, you are able to preview and confirm subtitle content.

- [6]. The default program name is the file name, which can be modified after importing and be used as program title.
- [7]. Users can input program excerpt in the box, which can be later used as keyword to search the file.
- [8]. Program remark can be input.
- [9]. Tick the DS-title to show program name while playing this clip. The setting of





duration, border, size, and color will follow the configuration of title in HQP-BPlayer.

- [10]. Select program logo from the drop down list. To have more options, save logo patterns in the "D:\HQP_Data\Targa\Pg_Patn" directory. After restarting VLib program, the logos will be shown on the drop down list.
- [11]. Select rating logo from the drop down list. To have more options, save logo patterns in the "D:\HQP_Data\Targa\Rt_Patn" directory. After restarting VLib program, the logos will be shown on the drop down list.
- [12]. Scroll the controller to adjust the volume, and the default value is 1.00.
- [13]. Click the button to add a new import task to the Worksheet.
- Click the button to load a video partitioning *txt file generated by the cutting tool.
- [15]. Click the button to partition video by the non-destructive cutting tool.
- Users can partition video into sections (up to 64 sections) by giving each of which starting and ending points. Click any of the desired segmentation boxes to bring up the detailed clips partition dialog to manually adjust it. The dialog is as below:

Detail C	uts Dialog			2						×	
1 01	00:00:00:00	~	00:00:23:17	т 🔽	05	00:01:34:17	~	00:01:58:08	т 🔽	ок	
02	00:00:23:17	~	00:00:47:08	т 🔽	06	00:01:58:08	~	00:02:22:00	т 🔽		
03	00:00:47:08	~	00:01:11:00	т 🔽	07	00:02:22:00	~	00:02:45:16	т 🔽 🕇	Exit	
04	00:01:11:00	~	00:01:34:17	т 🔽	08	00:02:45:16	~	00:03:09:08	т 🔽 🚦	Delete All	
	6 Automatically subtract fixed time 00:00:00:00										

1. In/Out Point of each segment.

2. Tick the "T" box means advertisement can be added before this clip. On the other hand, uncheck the "T" box means no advertisement allowed before this clip.

- 3. Click "OK" to save changes and leave.
- 4. Click "Exit" to leave without saving.
- 5. Click "Delete All" to clear partition.
- 6. If start point of the clip is not 00:00:00:00 (usually happens while importing

betacam files), VLib cut tools can help users to subtract a period of time automatically.





4.2.1 Media File Check Dialog

When media files at the local computer are initially added to the broadcast schedule for import, the system automatically opens the "Check Media File Information" window, and scans the media file format to see if it meets the current settings. If it does, the media file is scheduled for import; otherwise, an error message is displayed. The window layout is as follows:

ath D:\DataEx\ me E6-50Mpbs-2m.mpg	
me E6-50Mpbs-2m.mpg	-
Jossegg	D
	?
	<u>_</u>

- [1]. The progress bar indicates the scanning process. The preceding figure indicates the number of the currently scanning file, and the succeeding figure indicates total number of files to be scanned.
- [2]. Path of the currently scanning file.
- [3]. Name of the currently scanning file.
- [4]. Error message of the incompatible file will be shown in this area, shown as bellow.

.

(720x486) not for NTSC/PAL/HD-1280/HD-1080 TV system.

- [5]. Click "Exit" button to close the File Check dialog.
- [6]. Click "on-line help" button for more information.





4.2.2 How to Load KTC File

KTC file is a text file which record partitions of clip, and it can be edited by Notepad.

ianuai import			<u> </u>
File Type 1.Standard	Category P. program	TV Channel	• ?
Storage pa	× (2) Search 101	2 Load KTC	Cut tools
Audio fil Organize - New folder	SI ▼ □ 0	Cut 09~16 00:00!	59:00_00:01:06:13
Low-resolution fil Subtitle fil Subtitle fil Subtitle fil	Taipei100.kxt	Cut 17~24	5
Downloads 🖉 Recent Places	Taipei100_ktc.txt - Notepad Image: Comparison of the second sec	Cut 33~40 Cut 41~48	
Keywor 🚒 Libraries Remai 📑 Documents	T 00:00:00:00 - 00:00:07:11 T 00:00:07:11 - 00:00:14:22 ~ 00:00:14:22 - 00:00:22:04	Cut 49~56	
↓ Music E Pictures	T 00:00:22:04 - 00:00:29:15 ~ 00:00:29:15 - 00:00:36:26 T 00:00:36:26 - 00:00:44:07 T 00:00:44:07 - 00:00:51:19 - 1		
No File Nau	T D D D D D D D D D D D D D D D D D D D	Remark Keyword	1 Start importing
SYS (C:)			Stop
File nan	e: ClipsList (*.DCT)		Delete
		1.	Delete All

- [1]. The format of the KTC file is look like this.
- [2]. Click to open folder explorer to load KTC.
- [3]. Select the *.txt file which corresponds to the clip file.

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- [4]. Click to confirm.
- [5]. The partitions will be displayed on this section.







4.2.3 Program Clip Editing

The Program Clip Editor allows users to test run programs for producing segmentations to accommodate advertisements in between. For program file in ".WMV" format, icons are provided for program file key frames. The resulted program clip table will be used as information by HQP-VLib to import the program.



[1]. The key frame icon window is displayed only when the media file format is ".WMV". The following graph shows the initial scanning status. The scanning result is used to locate the position of each icon in the "Key Frame Icon Window", and then every key frame image of the WMV file is fetched and placed in the key frame position of the displayed window.

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HQP-VLib User Manual

R1.4

- [4]. Pull-down menu of languages.
- [5]. File path that stores the media files.
- [6]. Clip Editing Section.
- Clips 16 : Designate the number of clips you want create from the drop-down 1

list, the maximum of which is 32.

Dur 03:00:01:13 : File duration will be automatically detected and shown on the 2

window.

3. KeyFrame NB 2199 : The number of key frames of the ".WMV" file will be

automatically detected and shown on the window..

4. Clip table is as follows. The preceding letter "T" means advertisement can be added before this clip; "~" means no advertisement allowed before this clip. To change the permission, simply double-click the letter "T" or "~" to switch between.

01	~ 00:00:00:00 - 00:11:15:02
02	T 00:11:15:02 - 00:22:30:05
03	~ 00:22:30:05 - 00:33:45:07
04	T 00:33:45:07 - 00:45:00:12
05	T 00:45:00:12 - 00:56:15:14

Delete 5. : Double-click a pair of Cue Points, and then click this button to

delete it.

Preview Double-click a pair of Cue Points, and then click this button to 6

preview the clip. Users can adjust Start/End Trim Point on Preview window to reset the clip.

Save Clips List 7 Click this button to save metadata of the created Ad Cue Points

in HQP-VLib server as the basis of segmenting TV program.

Exit Click this button to exit the window. 8.

Crawl progress icon : The progress of captured key frames will be 9.

shown here.

Lines The number precedes the "/" symbol indicates the selected clip, 10.

and total number of clips will be shown after it.

03:00:01:13 Cumulative length of : Total time of all the clips summed up, which 11.

may be longer than the original program length.

[7]. Click "on-line help" button for more information.

4.3 File Import Worksheet

Vorksh	eet										
No	File Name	Duration	Remote Path	Local Path	Status	Program Name	Remark	Keyword	Cut 01~08	Start importing	1
1	HD Program-6.mpg	00:06:18:20	D:\HD PROG	D:\HQP_Data\		HD Program-6					-
6										Stop	2
										Delete	3
										Delete All	4
										Exit	5

- [1]. Start batch-importing files into HQP-VLib video library.
- [2]. Stop importing.
- [3]. Remove the selected media file from the Import Task Worksheet.

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- [4]. Clear all media files from the Import Task Worksheet.
- [5]. Exit Manual Import Window.
- [6]. Import Task Worksheet.

4.4 File Transfer Status and Disk Space Displaying Area

Main storage path	D:\HQP_Data\Video\20120810\ => 234.67G / 250.75G	1
Backup storage path	\\192.168.2.1\HQP_Data\Video\20120810\ => 1716.78G / 1862.51G	2
Import progress	Storage Path= D:\HQP_Data\Video\20120810\ => 234.67G / 250.75G 2 worksheets completed, 2 files completed, 0 worksheets available , 0/1 processing	3

- [1]. Available space of the storage
- [2]. Available space of backup storage
- [3]. File importing information displaying area
- [4]. File importing progress bar

VLib allows user to import video clips automatically, and clips can be imported by category. In Single mode, the Auto Import path should not be directed to HQP data disk (D :). This chapter is a demonstration of automatic import setting in Server mode.

5.1 Auto Import path setting

🖣 HQP-YLib Release-1.00 2009-2011 (C	Folge Tetral
	TV Channel Setting Storage Path Setting Custom Colors ?
Local IP Address 127 Category 7 TV Channel 7	Auto-import path Image: Clear clear clear Image: After importing, keep the origin Automatic import group code 1~99 1 Browse for Computer Image: Alton clear clear Modle Setu: Please select the folder.
Time File Name Image: System idling Image: System idling	Master IP A Backup IP A SQL D Master DataEx DataEx DataSx Freez Screen Video Capture 1.2 HD PROGRAM HD PROGRAM HOP Data Folder: PAT (D:) Make New Folder OK Cancel

- [1]. Click "Setup" button to open the Setup Dialog
- [2]. Click "Path" button of Auto-import path to select the folder
- [3]. Click "Computer" to unfold folders.
- [4]. Click "DAT (D :)" to unfold folders.

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HQP-VLib User Manual

R1.4

TV Channel S	Setting Storage Path Setti	ng Custom Colors	2
Channels Se	up write to Backup DB		
uto-import p	th RD:\video import\		Clear
Z After impor	ting keep the origin Auto	matic import group o	do 1,00 [
Bro	ung, keep me ongin Auto		
Aodle Sett 4	Please select the folder.		Single
Asetar IP ,			
103161 11 1	🗉 🍌 HQP_LogReport		
Backup IP	🗉 🌗 HQP_Streaming		Clear
	🗄 🍻 HQP_Sys		
O SQL D	🗉 🌗 HQP_Tutorial		
• Master	🗉 퉬 HQP-1132HS burn-in		
	표 🍌 HQP-Capture		
	🗄 퉲 HQP-CrossBar_Sys		
	표 퉬 HQP-expo content		20 💌
	EVIN-W7U		2048
	🔰 video import 🚺 🚺	-	2040
8	CAEVE		200 💌
1	older: New folder		10 -
5	Make New Folder OK	Cancel	H 00 ÷
	_		

- [5]. Click "Make New Folder" button to add a new folder
- [6]. Enter designate folder name of import path, we type in "video import" for example
- [7]. Click "OK" to confirm.
- [8]. The path will be shown in the "Auto-import path".
- Click "Save" to save changes and exit. [9].

5.2 Place Video File to Folder Classified

📙 test video	🔄 📙 video import	
🚱 🕞 🖉 - Computer - DAT (D:) - test video 👖 - 🚱 Search test video	- GOV - DAT (D:) - video import - 4 2 Search video import	
Organize 🔻 💽 Play 🔻 Play all Burn New folder	🕴 Organize 🔻 📜 Open Play Include in library 🔻 Share with 🔻 Burn » 🛛 🚳 👻 🛄 🔞	
 ★ Favorites ▲ Desktop ▲ Downloads ▲ Downloads ▲ Recent Places ▲ Ubraries ▲ Documents ▲ Music ▲ Pictures ▲ Videos 	Favorites A. public service AD B. commercial AD B. commercial AD C. opening song D. ending song D. ending song D. ending song E. image AD E. image AD G. portrait video H. substitute Fictures Videos I. other P. program	40
Computer Delete SYS (C:) Rename DAT (D:) Properties	SVS (c:) AT (D:) Network S	
ternis.wmv Frame height: 1080 Windows Media Audio/Video file Rating: Length: 00:17:39 Date modified: 8/10/2012 2; Size: 2.05 GB Date created: 8/10/2012 3; Frame width: 1920 Exercise created: 8/10/2012 3;	P. program File folder Date modified: 8/13/2012 11:24 AM	

- [1]. Open the folder where the video clips are located
- [2]. Click the designate clip
- [3]. Right click on the clip and select "Copy".
- [4]. Open the folder which was created in chapter 5.1.
- [5]. VLib will automatically generate 10 folders by category.
- [6]. Double click on the folder corresponded to clips (we take P. program for example)

HQP-VLib User Manual

R1.4

	• P. program •	• 🔟	Search P. progra	am.	
rganize 🔻 🛛 Include in library	▼ Share with ▼	Play all Burn	New folder	•	
☆ Favorites ■ Desktop 0 Downloads	ImportOK				
📃 Recent Places					
🚔 Libraries					
Documents					
🌙 Music					
🔊 Music 📄 Pictures					
Music E Pictures Videos					
Music Fictures Videos Computer	7				
Music Pictures Videos Computer SYS (C:)	7				
Music Pictures Videos Computer SYS (C:) DAT (D:)	7		View		•
Music Fictures Videos Computer SYS (C:) The DAT (D:)	7		View Sort by		•
Music Pictures Videos Computer SYS (C:) DAT (D:) Network	7		View Sort by Group by		•
Music Pictures Videos Computer SYS (C:) DAT (D:) Network 2 iter	7		View Sort by Group by Refresh		•
Music Pictures Videos Computer Sys (C:) DAT (D:) Vetwork 2 iter	7		View Sort by Group by Refresh Customize this	folder	•
Music Pictures Videos Computer SY5 (C:) DAT (D:) Network 2 iter	7		View Sort by Group by Refresh	folder	0 0 0
Music Pictures Videos Computer SYS (C:) DAT (D:) Network 2 iter	7 ns	8	View Sort by Group by Refresh Customize this Paste	folder	3

- Right click on blank area of the "P. program" folder [7].
- [8]. Select "Paste" to copy clips into current folder
- [9]. The clip will be generated.

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5.3 Start Importing

🖣 HQP-YLib (M-C	DB] Release-1.00 2009-2011 (C) JU-SOFT		🔄 DEMO HQP-VI	Lib [M-DB] Release-1.00 2009-2011 (C)	JU-SOFT
	HQP-\	/Lib Server		HQ	P-VLib Server
Lo	cal IP Address 192 . 168 . 2 Category P. program TV Channel	· 1 ?	La	cal IP Address 192 , 168 , Category P. program TV Channel	² . 1 ? • 0 2 42
Time	File Name	Message	Time	File Name	Message
		-	11.55.20	terms.wmv	imporang
			-		
			-		
•			•		<u> </u>
System idling	lan j	4	Storage Path Complete 0 fil Average writi	= D\HQP_Data\Video\20120813\ => 2 les Program ID=000000031, 1159168 KB ng rate: 10.000(MB/s), Interval: 200(ms)	75.31G/368.10G /2156941 KB
	20 records limited in Demo ver	sion		20 records limited in Der	no version
()		6			

- [1]. Open HQP-VLib and Click "Start automatic import" button
- [2]. Start automatic import button will become "Stop" button while VLib importing, and some functions will be locked VLib stops importing.
- [3]. The clip which is being imported will show in the "Import Status Area".
- [4]. Importing information will show in this area.
- [5]. Importing progress bar will display here.

111111	llisoi	om	T\\/
	uso	 QIII.	

HQP-VLib User Manual R1.4

🖣 DEMO HQP-¥Lib [M-DB] Releas	e-1.00 2009-2011 (C) JU-SOFT	
	HQP-VLib s	Server
Local IP Address Category TV Channel	127 . 0 . 0 . 1 I. other	7
Time File Name 11:59:28 000000031_t 6	Mes ennis.wmv Impo	ssage ort completed
All the import has been comple	tted, system idling	
20 re	cords limited in Demo version	

- [6]. Once the clip has been imported, the message will display "Import completed.
- [7]. Click "Stop" after importing completed.

tup Dialog	🔀 📙 P. program
TV Channel Setting Storage Path Setting Custom Colors ? Channels Setup write to Backup DB Auto-import path D:\video import\ Clear Auto-import path D:\video import\ Clear Auto-import path D:\video import\ Clear Auto-import path D:\video import\ Clear	Image: Search P. program Image: Search P. program Organize Open Play Include in library Share with Burn With the search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Organize Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program Image: Search P. program
Modle Setup Server Client Single Master IP Address 192 168 2 1 Backup IP Address 0 0 0 0	We Recent Places Ibraries
© SQL DB © Access DB © Master mode © Backup mode	Computer
Minimum hard disk capacity/ GB 20 💌	Crapite + Dlay + Play all Burn New folder
Transmission package/ KB 2048 ♥ Transmission interval/ ms 200 ♥ Update cycle for Automatic import/ sec 10 ♥ Daily reboot time H/M 00 ♣ 00 ♣ Language English ♥ Save Exit	Organize Image: Play Play all burn New Yolder ★ Favorites E1-50Mpbs-055.mpg ■ Desktop E2-50Mbps-055.mpg ■ Downloads E2-50Mbps-055.mpg ■ Desktop E3-50Mpbs-205.mpg ■ Libraries E5-50Mpbs-205.mpg ■ Documents ● E6-50Mpbs-2m.mpg ■ Pictures ■ E6-50Mpbs-2m.mpg ■ Videos ■ 51-50Mpbs-25.mpg ■ S2-50Mpbs-055.mpg ■ 52-50Mpbs-055.mpg
	Image: Computer Image: System 100 million Image: System 100 million Image: System 100 million

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- [8]. If we tick the box, VLib will remain clips which were imported.
- [9]. Open the P. program folder which we just pasted the clip, and double click "Import OK" folder.
- [10]. Notice that the clip has been moved into the folder.

6. Database Maintenance / Queries

HQP-VLib system provides functions for database maintenance and queries. With different modes, its window interfaces are slightly different. The window layout of Sever mode is as follows:

HD	SD HD	Program ID ~	Duration	~	TV Chann	el	-
		Keyword	Imported Date 1/	1/1990 🔻 ~	8/ 8/2012 - Catego	ry	-
Start	Searching	lear Query conditions Modif	/ Preview	Sync	data from VLib	Query Page	1
No	Program ID	Program Name	File Name	Duration	Category	TV Chann E	ixist
1	000000016	E6-50Mpbs-2m	000000016_E6-50Mp	00:02:05:01	P. program		V
2	000000015	E5-50Mpbs-2m	000000015_E5-50Mp	00:02:05:01	P. program		V
3	000000014	E4-50Mbps-20S	000000014_E4-50Mb	00:00:20:00	P. program		V
4	000000013	E3-50Mpbs-10S	000000013_E3-50Mp	00:00:10:00	P. program		V
5	000000012	E2-50Mbps-05S	000000012_E2-50Mb	00:00:10:00	P. program		V
6	000000011	E1-50Mpbs-05S	000000011_E1-50Mp	00:00:05:00	P. program		V
7	000000010	CM-5	000000010_CM-5.mpg	00:00:19:29	B. commercial AD		V
8	000000009	CM-4	000000009_CM-4.mpg	00:00:20:00	B. commercial AD		V
9	00000008	CM-3	00000008_CM-3.mpg	00:00:20:00	B. commercial AD		V
10	000000007	CM-2	000000007_CM-2.mpg	00:00:19:29	B. commercial AD		V
11	000000006	CM-1	000000006_CM-1.mpg	00:00:20:00	B. commercial AD		V
	_						
				-			
		-					

- [1]. Searching condition setting area
- [2]. Database operating and maintaining area

6.1 Searching condition setting area

[1]. Select HD or SD format as searching condition from the drop down list.

- [2]. Users can inquire media clips by giving a range of Program IDs.
- [3]. Users can inquire media clips by giving a time range.
- [4]. By selecting a channel from the drop down list, users can inquire media clips from the designate channel (It works only on a multi-channel VLib server).

- [5]. Click the "on-line" help button for more information.
- [6]. Users can inquire media clips by entering keywords.
- [7]. Users can inquire media clips by giving a range of dates.
- [8]. Users can inquire media clips from a certain category.

6.2 Database operating and maintaining area

ottar	Searching	Wodily Conditions	TICALCAN	United		Query Page	μ.	
No	Program ID	Program Name	File Name	Duration	Category	TV Chann	Exist	Audio
	000000016	E6-50Mpbs-2m	000000016_E6-50Mp	00:02:05:01	P. program		V	000000
	000000028	S4-50Mpbs-20S	000000028_S4-50Mp	00:00:20:00	P. program		×	
0	000000014	E4-50Mbps-20S	000000014_E4-50Mb	00:00:20:00	P. program		V	
1	000000013	E3-50Mpbs-10S	000000013_E3-50Mp	00:00:10:00	P. program		V	
5	000000012	E2-50Mbps-05S	000000012_E2-50Mb	00:00:10:00	P. program		V	
6	000000011	E1-50Mpbs-05S	000000011_E1-50Mp	00:00:05:00	P. program		V	
2	000000010	CM-5	000000010_CM-5.mpg	00:00:19:29	B. commercial AD		V	
3	000000009	CM-4	000000009_CM-4.mpg	00:00:20:00	B. commercial AD		V	
)	000000008	CM-3	000000008_CM-3.mpg	00:00:20:00	B. commercial AD		V	
0	000000007	CM-2	000000007_CM-2.mpg	00:00:19:29	B. commercial AD		V	
1	000000006	CM-1	000000006_CM-1.mpg	00:00:20:00	B. commercial AD		V	
1	2							
1							_	Þ
onfir	m DB consisten	cy Export DB	Delete	Delete	e multiple	Exit		

- [1]. After enter searching conditions, click the button to start inquiring.
- [2]. Click the button to clear the preset searching conditions.
- [3]. In Server or Single mode, users can click the button to modify the selected media clip (or double-click the clip) from the Metadata editing window. In Client mode, users can still open the window, but you are not allowed to modify the metadata. The functions of modified window are very similar to "Import Editing Area" in chapter 4.2.

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HQP-VLib User Manual R1.4

Program II	000000016	File ReMapping			Cut Tools] [Load KTC C	ear all
Program Name	E6-50Mpbs-2m		DS-Title	Cut 01~08		Cut 33~40		
File Name	000000016_E6-50Mpbs-2r	n.mpg		Cut 09~16		Cut 41~48		
Duration	00:02:05:01			Cut 17~24		Cut 49~56		
Category	P. program	•		Cut 25~32	*	Cut 57~64		
TV Channe	1			Remark				
Exist	V			Keyword				
Audio Name	000000016_E6-50Mpbs-2r	n.wav		tual duration of video	1249248000	Video format	1920×1080	
Audio duration	00:02:02:20		A	tual duration of audio	1249252666	Audio format	2Channel,48000K,1	l 6-Bits
Subtitle	D:\HQP_Data\Video\20120	1726\000000016_E6-50Mpbs	-2m.txl 🕨	MVA DEC 01020	01	AvgPreFrame	333667	
-resolution file				Pg_Logo	•	Rt_Logo		
Imported Date	, 2012-07-26 15:23:40	PlayDate 2012-07-26	15:23:40 Vol	ume Adjustment A1.0			,	
	DuHOR DataWideo\20120	1726\000000016_E6-50Mpbs	2m mpg					
Local Patr	U127.0.0.1/HOP. Data/Vic		6-50Mpbc-2m mpg					
Remote Patr			6-Sompus-zintinpg					
al path of audic	D:(HQP_Data(Video(20120	1/26(00000016_E6-50Mpps	-2m.wav					
Remote path of	- JULZY.U.U.TUHQP_Data(Vic	eo(20120726(000000016_E	o-oumpos-2m.wav					
Backup Storage	•							
							1	1

- [4]. Click the button to preview the selected video content (This action can also be done by double-clicking the clip with the right mouse button).
- $\left(\ 5 \ \right)$. Refresh VLib and update the latest data.
- [6]. If searching results are more than 1 page, you can select page number from the drop down list when you're not able to find your target in the first page. Each page displays 100 data.
- [7]. Check if the actual file of each media clip does exist; this function is disabled in "Client" mode.
- [8]. Users are allowed to export the designate database of certain channel, default storage path of which is D:\HQP_Data\Export_DB, and the file name is VideoDB.mdb. Database export dialog is shown as below, in which you double-click the "Add" field with the left mouse button to designate channel database you want to export. "V" indicates database of the channel will be exported.

HQP-VLib User Manual R1.4

 Database export dialog
 ×

 Export Path
 ...

 D:\HQP_Data\Export_DB\
 ...

 Select TV channel to export
 Add

 ATV
 V

 BTV
 V

 BTV
 V

 Export
 Log

 Log
 Log

 Log
 Log

 Log
 Log

 Log
 Log

 Export
 Cancel

[9]. Click the button to delete the selected media clip, the confirming dialog will pop up after clicking the button; in "Client" mode, this function is disabled. The dialog is as below:

Message			×	
Confirm	to delete record ID =	00000009		
	Yes	No		

[10]. Click the button to delete multiple media clips, the confirming dialog will pop up after clicking the button; in "Client" mode, this function is disabled. The dialog is as below:

Message	<u>×</u>
Confirm to delete	5 records
Yes	No

- [11]. Exit VLib Maintenance window.
- Query results will be shown on the list. "V" symbol indicates that the clip exist, and "X" symbol indicates that the clip doesn't exist

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