Chapter 1 Software Instruction

1.1 Summary

This is a Central Control Software with powerful function and Distributed Architecture, integrate many windows, users, languages, bidrectional Talk, video conference, Classic of electronic map, alarm center, be compatible with Other extended products and single directly connected devices surveillance system as one.

This software is only for connecting different devices (DVR,DVS etc...), the manual only descrip the software, for specific equipment features, pls refer to related product manuals.

1.2 Features

1.2.1 User and Authority management.

Support N level organization management, user management and authority setup.

1.2.2 Data interface technology adopted.

All datas adopt data interface technology, so it can support every database sizes very Flexibility, such as SQL, MYSQL, XML data and so on.

1.2.3 Support EXCEL edit to add device.

The platform support the user adopt Excel to add and edit devices, it's very convenience for user to maintain quantities of devices, improve system's useability and greatly reduce many works for maintenance

1.2.4 Intelligent Video Transport Protocol.

Intelligent Video Transport Protocol can do Maximize the use of network bandwidth, especially on the condition of Front-end network bandwidth limited, when to assure system based on high quality Image in very low network bandwidth, it can work well.

1.2.5 Scalable distributed network architecture.

Support multi servers running Coordinated,Intelligent load balancing,Flexibility to add server and Enhance the system capacity Effectively on the condition of Integrity assurance.

1.2.6 Perfect video monitoring.

While real time monitoring, system support alarm, recording, auto monitoring record, playback and so on, it can exactly control each channel recording status.

1.2.7 Dynamic regulation decoding buffer.

Flexibility in adjusting the Fluency/real-time of video images when real time monitoring which can meet different users need.

1.2.8 Adopting shelf technology

Modular Development and flexibly assembled applications.

1.2.9 Central management.

Centralized management of data throughout the system and Forwarding of data to provide the perfect multi-user real-time monitoring program. Remote users can real time monitor, record and playback through network.

1.2.10 Easy operation

In access control,Users can easily control and set each monitor point through the system, it also could integrates E-map.

1.2.11 High integration level

The system integrates other related informations, like Alarm and Voice etc...

1.2.12 High reliability

The system designs a special Fault tolerance measures to assure data Integrity and system runing dependability.

1.2.13 Good scalability

The system designs for Service, has good Scalability and Adaptability to maximumly protect user investment.

1.2.14 Support Network management and load balancing.

1.2.15 Support multi devices upgrade volumely via network.

- 1.2.16 Support User DIY interface and multi languages.
- 1.2.17 Support 4 channels real time playback.
- 1.2.18 Support connecting multi devices and view many videos(real time monitoring and playback)
- 1.2.19 XML data storage

Chapter 2 Installation instruction

2.1 Enviroment request of running

2.1.1 Hardware.

CPU P4/2.0G

Graphics must support hardware scaling(such as ATI,TNT2 and PRO,but suggest ATI9800 or above,dual channels,Memory(over 128M)/128bit

Note: it needs good configuration for memory,graphics and CPU If many screens need to be decompressioned. Netcard:100/1000M

2.1.2 Software.

This CMS can run under Vista, Winxp, Win2000, Win2003 and Win2007, it's not suggestion for windows 98.

Pls close all Antivirus Software and firewalk so that it can write running program correctly and completely in the control center before installing the software, or it will not search any devices.

2.2 Installation step

2.2.1 Find "CMS_ChnEng_V1.0.0.6.T.20090315.Exe" in the CD and run it like below pic.

×
Welcome to the Center Manager System Setup program. This program will install Center Manager System on your computer. It is strongly recommended that you exit all Windows programs before running this Setup program. Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program. WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
 < Back Next> Cancel

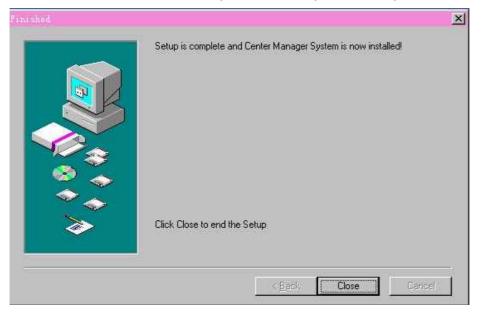
2.2.2 Click "Next", then go the below pic.

Choose Destination Location	n	2
	Setup will install Center Manager System in the follo	wing directory.
	To install to this directory, click Next.	
	To install to a different directory, click Browse and s	elect another directory.
	You can choose not to install Center Manager System exit Setup.	em, by clicking Cancel to
	Destination Directory	11
	C:\Program Files\CMS	Browse
	Space Red	quired: 9600 K
-	Space Ava	ailable: 5899096 K
	< Back Next	> Cancel

2.2.3 Click "Browser" to select setup path(default path "C:\Program Files"),then click "Next" to select Start Menu folder like below pic.

Salact Program Folder		×
	Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the Existing Folders list, Click Next to continue.	
	Brogram Folder: Genter Manager System	- 16
	Egisting Folders:	-10
2 S	360安全浏览器 3 Center Manager System ControlCenter	
	DreamMail Lingoes 2 Macromedia Microsoft .NET Framework SDK v2.0	
	Microsoft Office Microsoft SQL Server	
	< <u>₿</u> ack <u>N</u> ext> Cancel	1
		-92

2.2.4 Click "Next" to start setup and end setup like below pic.





2.2.5 Click "Finish" to end the setup, at the time it will come up this icon in the desktop PIs follow Chapter 3,4,5 instructions to operate this software after finish installation.

Chapter 3 Introduction of basic functions

3.1 CMS Operation Main Menu

10.6		— = ×
Device	Monitor	Time
CALOVR CALOVR CANDO CANDO CANDO CANDO CANDO CANDO CANDO	Time Video disk statusarea	13:21:51 2010-06-11
Portice Stank Seperandet Scir park 21 Device Display area	Operation area	
		Coom
		Preset
		S Calar
	Type Date Denke User Describe Menu area Video 2010-06-11.13:21:19 home user Connect successful Video 2010-06-11.13:21:05 home admin Connect failed Password is error Video 2010-06-11.13:21:05 home admin Connect failed Cam/t find the device	Syntan
	Operation Log	Escard

3.1.1 Device display area

In this area, you can preview live screens by device and super account administrator setting, click device name or channel group to change channes.

3.1.2 Operation area

You can preview live screens ,and setup parameters when system configuration and video searching in this

area.

3.1.3 Time

3.1.4 Video disk status area

It can display the rest disk spaces where video files store

3.1.5 PTZ

3.1.6 Operation log

It will display any operation informations when setup and operating.

3.1.7 Menu Area

Users could set single menu and sub-menu in this area, select relevant menus to opearte video surveillance system in the control center.

No.	First Menu	Second Menu	Third Menu	Function & Instruction	Operating right
1	Preview			Click preview button "Monitor" to choose a preview of the screen,touring & switching among all channels and snapshot pictures of the screen. Shup down/open preview menu	Admin/User
2	PTZ			Controling the speed cameras to go up,down,left,right and stop by operating panel,adjusting speed,zoom,focus,iris and auto pan, preseting and touring.	Admin/User

Diagram 1 Menu Configuration

No.	First Menu	Second Menu	Third Menu	Function & Instruction	Operating right
3	Color			Set brightness,contrast,saturation and hue for video screen	Admin/User
4	System	Device	Add zone	Add zone for all devices	Admin/User
		manager	Add device	Add video surveillance devices	Admin/User
5	-		Modify	Modify device name,ip address,user name and password	Admin/User
6			Delete	Delete video surveillance devices	Admin/User
7	Local Base		Base config	Select disk, disk list and logs maintenance	Admin/User
8			Alarm setting	Enable audio activated by alarm	Admin/User
9		Account	Group	Add and delete users' operating rights	Admin
10			User	Add,delete and manage users: Set user name,password and operating rights of menu	Admin
11		Local Log		Search alarm log and operation log in set time area.	Admin/User
12	Record		Playback	Search record file and playback	Admin/User
13			Record Plan	Set record time for every day	Admin/User
14	Advance	Decoder		Set DVR and decoder	Admin/User
15		Мар		Using this map, it can visually show every cameras location and find current monitoring page directly	Admin/User

Chapter 4 Monitor

In the menu area, click "Monitor", it will turn to preview screen.

Monitor functions: Preview, PTZ and video specification configuration.

4.1 Preview

Diagram 2 Functions and instructions of preview

No.	Button	Meanings
1		click it to preview full screen for every channel
2		click it to preview 4 screens
3		click it to preview 9 screens
4		click it to preview 16 screens
5		click it to preview 25 screens
6		click it to preview 36 screens
7		click to to preview 64 screens
7	X	click it to enter full screen interface

4.2 Right-click Menu

At operating area, user can do below operation by right-click:

```
Window:3
Close window
Close all window
Audio
Local record
Snapshot
Device config
```

Close window: close the current screen

Close all window: close all the current screens

Audio: click it and hear the voices from preset screens

Local record: click it to record at current channel and save the record at the relevant disk.

Snapshot: Capture pictures from current channel at any time and save it to relevant disk.

Device config: click it and go to device configuration interface.

4.3 PTZ Control

When speed cameras are connected with DVR, user can control it at this center, turn up, down, left and right, stop running, adjust turning speed, zoom, focus and iris, preset and tour configuration. When user enable touring function, the speed cameras will tour according to preset.

Function:

No.	Button	Meanings	
1		▲ means "turn", ■ means "stop turning"	
2		Drag this pole to adjust speed rate	
3	EZoom	Click + to zoom in;Click - to zoom out	
4		Click + to focus in;Click - to focus out	
5	🛨 Iris 🔚	Click + to iris it;Click - to iris out	
6	💽 AutoPa 💽		
7	Preset	Set a location for the preset, calls the preset points, PTZ automatically	
	<u> </u>	turns to the setting position,add,delete and config preset point	
8	Tour	Multiple preset points connected tour lines, call touring between points, the	
		PTZ run around on the line	

4.4 Color

No.	Button	Meanings
1	×	Brightness
2	0	Contrast
3		Saturation
4	<mark>♣</mark> — <u>"</u>	Hue

Picture 4-3 Color

Note: Click Default to resume Initial values

Chapter 5 System

5.1 Device manager

5.1	.1	Click	

to add zone,see below:

Zone		×
Zone		
Up Zone		
	OK Cancel	



to add device, see below picture:

Edit	_	×
Device Name	office	
🗖 Domain		
IP Address	10 . 6 .	1 . 25
Port	34567	
User Name	admin	
Password		
Zone	DVR	
	OK	Cancel

Device Name: Device name

Domain: Domain name by external network such as xxxx.3322.org; xxxx.dyndns.org; xxxx.oray.org etc...

IP Address: IP address

Port: TCP port

User Name: User name

Password: Password

Click "OK" after you have done above parameters, see below picture, you could only doubleclick to open this device.



Note: Choose only one of Domain name and IP address



to modify device, see below picture:

Edit	×
Device Name	home
🗖 Domain	xxxx.dyndns.org
IP Address	10 . 6 . 2 . 89
Port	34567
User Name	admin
Password	XXXX
Zone	DVR
	OK Cancel

After finishing all the modifications, click "OK"

5.1.4 Delete device



Choose the devices which you want to delete, then click

Note: Please make sure the device is disconnected before modifying and deleteing it.

5.2 Local Device

5.2.1 Base Config

See below picture:

Config Alarm Set	ting				
Record Set	Lengt	h 15	•		
Disk List					
Storage	Total Size(MB)	Used Size(MB)	Free Size(MB)	Free Percent	
	29989	9534	20455	% 68	
D:\	91000	9702	81298	% 89	
E:\	92005	3344	88661	% 96	
□F:\	92224	2598	89626	% 97	
Log Maintence Alarm log keep da Operation log kee			✓ Show alarm log		
Automatically	connet with the last m				
Picture DIR	E:\CMS-LOGO\Pict	ure		Brows	
Record DIR E:\CMS-LOGO\Record Brows					
Save local reco	ord as AVI				
-Sync time with PC					
Every Sun	- At 00:	:00 👻			

Version Info Video: 1.0.0.4			Net: 1.0.0.0	
Decoder: 1.0.0. Device Config: 1			Playback: 1.1.0.16	
	-			
Language	JEnglish	<u> </u>		

Overwrite: Click it,then it will cover the old records when HDD is full Length: Time length for 1 record file Disk List: C,D,E,F Log Maintence: Alarm and Operation log keep days Picture DIR: Picture storage location by snapshot Record DIR: Record storage location by local recording Sync time with PC: Adjusting device and PC in order to make both at the same time

Version Info: CMS's vertion(video,net,decoder,playback and device config)

Language: Choose language for CMS

5.2.2 Alarm setting

advr Shome 1	I/O Trigger Video Motion Video Blind	Video Loss
Z ¹	Alarm Enable	
	Alarm Prompt Sound	Amercian(Sound(AlarmSound.way Browse
	Auto Watch Warn	12
	Alarm port	Video channel
	Alarm port ⊮ home	⊟ CAM ⊯ home
		Add <<
		Del >>

Device list: Choose 1 device to set alarms

Alarm Enable: Click it to make sure all alarm functions available

Alarm Prompt Sound: Select any alarm prompt sound which you like

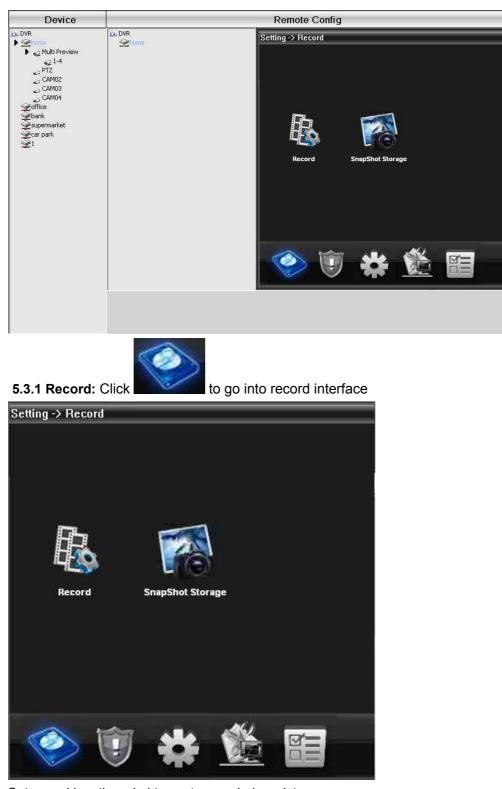
Sound File Path: Browse and choose prompt sound

Auto Watch Warn: Choose it to add following channels by alarm activated

Note: Please go to choose alarm type first

5.3 Remote Config

Select a device first, then set its configurations, see below picture:



Set record length, period, type etc...see below picture:

Setting -> Record -> Record						
Channel	1 💌	Redu	indancy 📃			
Length	10 Mi	n PreR	ecord 5	Sec		
Record	💿 Timing 🛛 🕻) Manual 👘	🔘 Stop			
Week	Mon 💌		Regular I	Detect	Alarm	
Period1	0:0-	8 : 1			V	
Period2	8:1-	18:0		×		
Period3	18:0-	24 0			V	
Period4	0:0-	24 0				
Сору	Paste	Refresh	OK	Ca	ncel	

Snapshot Storage: Set presnapshot, snapshot type and period, see below picture:

Setting -> F	Record -> Sn	apShot Sto	rage		
Channel	1 💌				
PreSnat	5 Pic	tures			
Record	💿 Timing 🛛 🔘) Manual 🛛 🕻	🔵 Stop		
Week	Mon 💌	1	Regular D	etect Alarr	n
Period1	0:0-2	24 : 0			
Period2	0:0-2	24 : 0			
Period3	0:0-2	24 : 0			
Period4	0:0-2	24 : 0			
Сору	Paste	Refresh	OK	Cancel	



5.3.2 Alarm: Click

to go into alarm configuration,see below picture.



Alarm activation configuration(motion detect,video blind,video loss and alarm in),see below picture.

Channel	1	•		
Enable				
Sensitivity	Middle	-	Region	Setting
Period	Setting	2	Interval	1 Sec
Alarm Output	1		Delay	10 Sec
Record Channe	123	8 4		
Tour	1 2 3	4		
Snapshot	1 2 3	4		
PTZ Activation	Setting	,	Delay	10 Sec
🔲 Show Messa	ige		🧾 Send Ema	ail
🥅 Buzzer				
Сору	Paste	Refresh	OK	Cancel

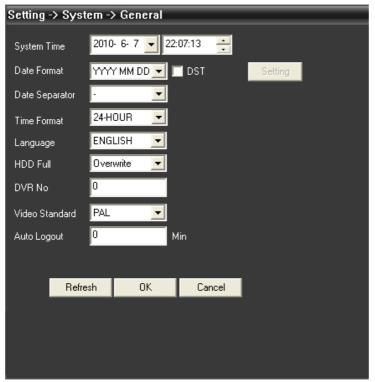
5.3.3 System



to go into system set interface, see below picture.



General:Set system time,language,video standard,DVR No.,auto logout and so on,see below picture.



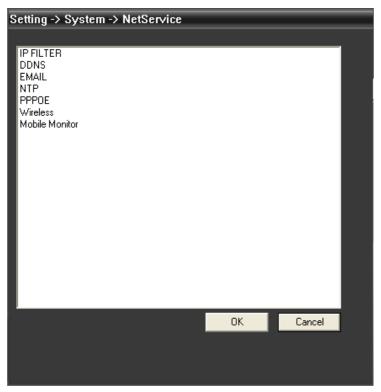
Encode: Set dvr specifications of resolution, FPS, video quality etc...see below picture.

Setting -> Syste	em -> Enc	ode			
Channel	1	•	C	Combine Encoc	ie 🔽
Compression	H.264	•	Mode	NarrowBand	-
Resolution	D1(704x5	76) 💌		CIF(352x288) 🔽
FPS	25	•		16	_
Bit Rate Type	VBR	•		VBR	-
Quality	Good	•		Good	-
Bit Rate(Kb/S)	1536	V		355	-
l Frame Interval	2	•		2	-
Video/Audio					
Сору	Paste	Refresh	OK	Cancel	

Network: Set IP address,port,DNS etc...in order to remote monitor by network and mobile,see below picture:

Setting -> Sys	stem -> Netw	vork				
Net Card	Wire Netcar	d 🔽		DHCP Enab	le	
IP Address	10 .	6.1	0.	10		
Subnet Mask	255 .	255 . ().	0		
Gateway	10 .	6.0).	1		
Use DNS server	address below					
Primary DNS	221 . 12	2.1.2	27			
Secondary DNS	221 . 12	2.33.2	27			
TCP Port	34567					
HTTP Port	80					
🔲 High Speed	Download					
Transfer Policy	Fluency Pre	ferred 💌				
	Refresh	OK		ancel		

NetService: Set IP filter, DDNS, Email etc...see below picture



CAM Name: Add or modify camera name by your need, see below picture

Setting -> S	ystem -> CAM N	ame		
CAM 1	PTZ	CAM 2	CAM02	
CAM 3	САМОЗ	CAM 4	CAM04	
	Refresh	OK	Cancel	

PTZ config: Set PTZ parameters to make sure the same as speed cameras.

Setting -> S	System -> P	TZ Config			
Channel	1	•			
Protocol	PELCOD	-			
Address	3				
Baudrate	9600	-			
Data Bits	8	-			
Stop Bits	1	-			
Parity	None	-			
Сору	Paste	Refresh	OK	Cancel	

RS232: Set RS232 port configurations,see below picture.

Setting -> S	ystem -> R	\$232		
Function	Common 1	Гур 💌		
Baudrate	115200	*		
Data Bits	8	-		
Stop Bits	1	-		
Parity	None	*		
		-	7	
Refresh	OK	Cancel		



Advanced: Click to go into advanced interface, see below picture.



HDD manage

Account: Modify User, group, password, add user, group etc...see below picture:



AutoMaintain: Set Auto-Reboot time and files management, see below picture

Setting -> Adva	anced -> Auto	Maintain		
Auto-Reboot Sys	tem			
Every Tue 👱	At 01:00			
Auto-Delete Old F	iles -			
Never				
Refresh	OK	Cancel		

Default: Restore to factory settings

Setting -> Advanced -> Default							
Please select setting entries that you want to default							
Select all							
General		Encode					
Record		Alarm Set					
Network		NetService					
GUI Display		PTZ Config					
Account							
	OK	Cancel					
			-				
	<u> </u>						

Info. Click to go into system info interface, see below picture:



In system info, there are HDD info, LOG and Version.

Chapter 6 Account

6.1 Group

Add&delete group and set group right, see below picture:

	Account
Group User Add Group Delete Group administrator user	Account

6.2 User

Add&delete user and modify password

	Acc	ount		_
Group User				
		1.1		
	Add User Delete I	Jser Modify Passw	vord	
Use	6	Group		
supe	r	administrator		
			()	
	User	×		
	Group administra	tor 👻		
	User Name	The second second		
	Password			
	Confirm			
	ОК	Cancel		
		1. I.		
	<u>.</u>		-	
<				

Chapter 7 Local Log

User could search menu operation log,alarm log and other logs by time, see below picture.

				Local Log		
	Log Type	Operation	•	Begin Time	2010- 6- 8	• 0:00:00 •
	Operation	All	•	End Time	2010- 6- 8 🗖	23:59:59
		Search		NextPage	PrePage	
No	Туре	Date	Device	User	Describe	
1	System Op	2010-06-08 20:49:08		super	User:super Lo	igin
2	Video	2010-06-08 20:49:42	home	admin	Connect succe	
3	Video	2010-06-08 20:49:43	home	admin	Channel 1 Ope	en OK
4	Video	2010-06-08 20:49:43	home	admin	Channel 2 Ope	en OK
5	Video	2010-06-08 20:49:43	home	admin	Channel 3 Ope	
6	Video	2010-06-08 20:49:43	home	admin	Channel 4 Ope	en OK
7	User Mana	2010-06-08 20:53:30		super	Add Group hi	
8	User Mana	2010-06-08 20:53:42		super	Delete Group h	ni
9	User Mana	2010-06-08 20:54:31		super	Add Group use	er

Chapter 8 Record

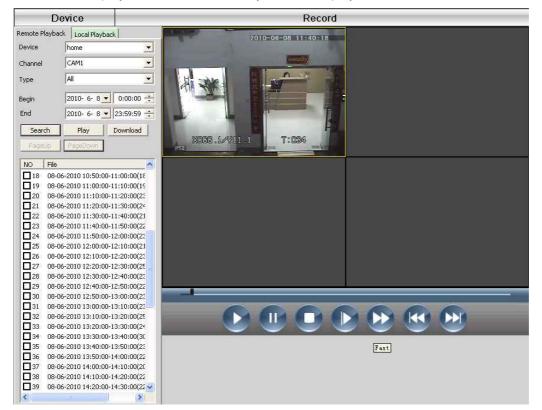
8.1 Playback

There are 2 playback modes---Remote playback and Local playback.

Remote playback: Playback at Device-side.

Local playback: Playback at Client-side.

User could playback record files of any times, max playback channels are 4.



Button instruction

No.	Button	Meanings
1		Play
2		Pause
3	0	Stop
4		Slow play
5		Fast play
6		Last frame
7	٤	Next frame

8.2 Downlaod & Backup

User could playback record files at set time and channels, select record fines, click "Download/Backup" and select "save directory".

Note: Remote playback----Download

Local playback---Backup

	Downloads			
 历史				
<mark>لک</mark> چھ				
<u></u>				
我的文档				
我的电脑				
	, 文件名(M):		254	保存(S)
网上邻居	保存类型 (I):	All File(*. h264)		 取消

8.3 Record plan: Set your record plan on any clocks and days,see below picture:

			Ree	cord	-					
DVR	Channel	CAM1	•	All		-Plan Ter	mplate			
	Sun		_	<		AllDay Empty				
	Mon		_	<		Empc/				
	Tue		_	<						
	Wed			<						
	Thu			<						
	Fri			<			Edit Tei	melata	1	
	Sat			<				npiace		
		0	4	8	12		16	20	24	
	Sun	_ '			Su	n '		'	·	
	Mon	· ·			Mo	n '		1	·	
	Tue	_ '			Tu	e		'	·	
	Wed	· ·			Ŵ	ed			·	
	Thu	'			Th	u '		,	·	
	Fri	_ '			Fri	'		'	·	
	Sat				Sa	t '		1	<u> </u>	
					ОК		Delete			

Edit Template, see below picture:

Plan Template		×
Edit Template		Plan Template
Period 1	: 0 24 : 0	Empty
Period 2	: 0 24 : 0	
Period 3	: 0 24 : 0	
Period 4	: 0 24 : 0	
Period 5	; 0 24 ; 0	
Period 6	: 0 24 : 0	
Add	MODIFY Delete	

After set name, then click "add" and "OK"

Choose "channel" first, then go to set record time from Monday to Sunday.

-				Re	cord					
	 DVR home office bank supermarket car park 1 193.251.55.15 	Channel Sun Mon Tue Wed Thu Fri Sat	CAM1 Empty AlDay 3 AlDay AlDay 2 Empty	•	All < < < < < < < <	Plan 1 2 3 AllDz Empl	ty	mplate		
		Sun	0	4	8	12 Sun	16	20	24	
		Mon		- I - I		Mon		•		
		Tue				Tue		•	'	
		Wed				Wed				
		Thu			1 1	Thu		'	'	
		Fri				Fri		1		
		Sat				Sat			·	
					c	ж	Delete			

Note: After set record plan, If it need to record, please make sure the below 3 points:

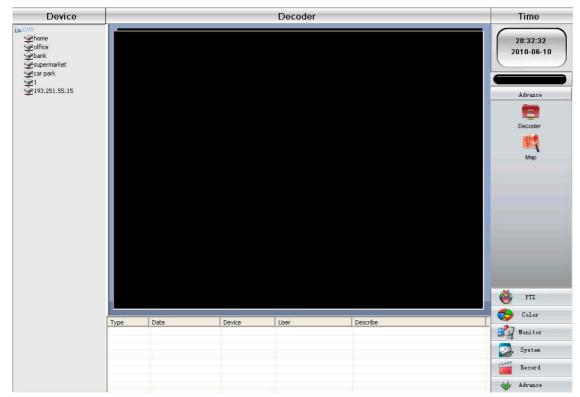
- 1. Choose disk for recording at Local config.
- 2. Make sure the device is connected to network.
- 3. Make sure local computer is always open.

Chapter 9 Advanced

It contain two options---Decoder and Map.

9.1 Decoder

It can manage and config remote decoder very easy,see below picture:



9.1.1 Add decoder

Right-click to add decoder, see below picture:

Edit		×	
Device Name	Decoder		
🗖 Domain			
IP Address	193 . 251 . 35 . 114		
Port	34567		
User Name	admin		
Password			
	OK Cance	1	

Device Name: Name of decoder, it's set by yourself

Domain: Domain name of decoder

IP address: IP address of decoder

Port: TCP port, default is 34567

User Name: Login name of decoder, default is admin

Password: Password of decoder

After you add decoder successfully, it will come out a "decoder" ico in this interface, right-click this ico to edit, delete and set attribute.



9.1.2 Edit

Right-click decoder ico to "edit decoder", see below pictures:

	Edit	×
	Device Name	Decoder
	🗖 Domain	
•	IP Address	193.251.23.66
Decoder	Port	34567
	User Name	admin
	Password	
		OK Cancel

9.1.3 Set decoder Attribute

Right-click to click "Attribute", see below picture:

tribute			
Decoder	Decoder		
Decoder Channe	ł		Decoder Channel
Device List - CAM1 - CAM2 - CAM4 - CAM4 - Office - CAM1 - CAM4 -		Add << Del >>	Device List CAM01 home-CAM2 CAM02 bank-CAM1 CAM03 supermarket-CAM1 CAM04 car park-CAM4

In the device list of left side, select 1 camera, then select 1 camera of right side, at last click "Add" in the center, for example:

See above picture,

Decoder CAM01 decode output for "home-CAM2"

Decoder CAM02 decode output for "bank-CAM1"

Decoder CAM03 decode output for "supermarket-CAM1"

Decoder CAM04 decoder output for "car park-CAM4"

Delete decoder

Right-click to delete decoder

9.2 E-MAP

E-MAP is a plan for simulating live screen, user can use it to add & delete cameras and set e-map alarm activation, see below picture:

Device	Мар
Position 1 Position 2	
Position 3	
I Edit Map Device	Picture Edit Save

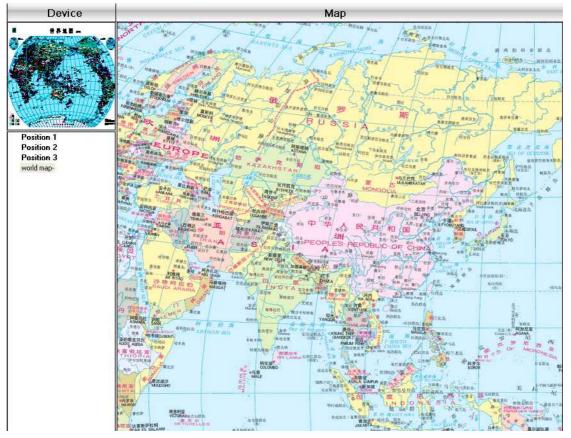
1.Click "Edit" first at the left bottom, then click "Picture Eidt", see below picture:

Picture Edit	_		×
Picture Name	Picture Path	Description	T
Position 3 Position 2 Position 1	3.jpg 2.jpg 1.jpg		
Add Remo	Modify		

2.Click "Add" to add picture, see below picture:

Add Picture		×
Picture Name		
Description		
	~	
	v	
Picture Path		Browse
	,	OK Cancel

3.After set picture name,description,picture path,then click "OK" back to main interface. Click "Picture" and drag 1 picture to the right side,see below picture:



4.Click "Device" to drag device's channel to the map, then the channel name will appear at the map, double-click it to name and describe it.

Appendix A Abbreviations

Abbreviation	Full name	Chinese meaning
CMS	center manager system	
DVS	Digital Video System	
PTZ	Pan/Tilt/Zoom	
TCP/IP	Transmission Control Protocol / Internet	
	Protocol	

Appendix B Main parameters

Video Compression			H.264 main profile	
Audio Compression			G711A	
Video Reso	Video Resolution		960H/D1/HD1/CIF/QCIF	
	Resolution	NTSC	960X480	
Display		PAL	960X576	
resolution	Rate	NTSC	30FPS	
		PAL	25FPS	
Frame rate	Frame rate		30/25(NTSC/PAL) F/S	
Video input			BNC input	
Audio input			RCA input	
Type of compressed code			Combine code	
Rate of compressed code			32kbps ~ 2048kbps(adjustable)	
Network Procotol			TCP/IP,static IP , DHCP , PPPoE	
Net Interface			10/100M RJ45	
PTZ procotol			Pelco-P/ Pelco-D/ Minking/ Linlin/ Neon/ Star/ Vido etc	
Remote Monitor			IE browse,CMS and Mobile	