DSS Manager User's Manual (Base)

Mobile Version

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Welcome

Thank you for using our software!

1 GENERAL INTRODUCTION

In this chapter, you will find:

Heading	Content
错误!未找到引用源。 Glossary	Introduce the term definition concerning this user's manual.
错误!未找到引用源。 Overview	Introduce DSS (Digital Surveillance Software) system overview.
1.3 Network Connection	Network structure, environment and etc.
1.4 Environment	Server and manager client-end environment requirement

1.1 Glossary

English Abbreviation	Definition
	Central management software.
CMS	System management, server management, operation realization, system allocation and storage policy implement.
MTS	Audio/video data transfer, support stream media.
SS	Audio/video data central storage, playback and front-end record playback.
DMS	Device configuration, PTZ control, device alarm receive and send out.
CU	Monitor key operation. Real-time monitor, PTZ control, record playback, monitor plan and alarm activation.
MU	Device management, user name management, user group management, organization management, system management, system log and running status.

1.2 Overview

DSS (Digital surveillance software) is monitor software of strong function. It embedded multiplewindow, multiple-user and various languages. It supports audio talk, E-map, alarm centre and matrix output. DSS is compatible with other extension devices. It has high reliability, friendly user interface, high flexibility and sound expansibility.

The DSS platform can connect to various devices or models (such as DVR, IPC, NVS and etc). This user's manual applies to the manager client-end only.

DSS supports the following devices: DVR、NVS、IPC and IPS series.

1.3 Network Connection

Please refer to the network connection sample. See Figure 1-1.



Figure 1-1

1.4 Environment

1.4.1 Server Hardware

① CPU Core2 Duo 2.2G

- 2 Memory 2G
- ③ HDD 120G free capacity (This HDD can not be used as the storage HDD)
- ④ 1000M Ethernet dual network card

Software

- ① Microsoft Windows 2003 Server SP2, 4G or higher version,
- 2 Internet Explorer 6.0

1.4.2 Manager Client-end

Hardware

- 1) Intel C4 1.7
- 2 Memory 512M
- ③ HDD 1G free capacity
- (4)100M Ethernet card

Software

- (1) Microsoft Windows 2000
- 2 Internet Explorer 6.0 DirectX 8 or higher

2 Log in

In this chapter, you will find:

Heading	Content
错误!未找到引用源。 Preparation	Something you need to know before log in to the DSS.
错误!未找到引用源。Log in	Introduce DSS log in steps.

2.1 Preparation

Before you log in, please make sure:

- PC and encode device connection is right.
- DSS server and encode device network connection is O.K.
- DSS service has booted up.
- DSS server and encode device has been connected.
- There is no other software or management platform in the encode device.

2.2 Log in

There are two ways for you to log in.

Input the following address in the IE address column:

http://serverIp:8080/dss/admin

The serverip is your web server IP. 8080 is system default access port.

The click Enter button, you can go to an interface shown as in Figure 2-1.

The other way is double click the DSS Manager icon in the desktop and then you can see an interface is shown as in Figure 2-1.

Login Admin System - Microsoft Internet Explorer	
<u>File Edit Vi</u> ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	A.
😋 Back 🝷 🜍 👻 📓 🏠 🔎 Search 🤸 Favorites 🤣 🔗 - 🌺 💦 🔟 - 🛄 🇱 🦓	
Address 💩 http://10.8.1.36:8080/dss/admin/	🖌 🄁 Go 🛛 Links 🎽 🐔 🗸
Digital Surveillance System UserNane: OK Password: Cancel Verify: 41 & 8.7 Centerber Password	
E) Done	Internet

Figure 2-1

Please input user name, password and authentication code to log in.

Default user name is system, password is 123456.

The main interface is shown as in Figure 2-2.

Note:

- Before log in, please make sure the platform server has booted up. (Tomcat\CMS\DMS\MTS\SS)
- For security reasons, please modify the password after you first logged in.



Figure 2-2

If it is your first time to log in, system may pops up a dialogue box asking you to install the plugin. In Figure 2-2, you can click here button to download the latest OCX.

System pops up the following dialogue box for you to install. See Figure 2-3.

File Download - Security Warning 🛛 🛛 🔀		
Do you want to run or save this file?		
Name: DSSPlugin.exe Type: Application, 8.91 MB From: 10.8.1.36		
<u>R</u> un <u>S</u> ave Cancel		
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. <u>What's the risk?</u>		

Figure 2-3

3 SYSTEM CONFIGURATION

In this chapter, you will find:

Heading	Content
3.1 General Introduction	DSS system general introduction
3.2 Management Setup	It includes organization, device management, group management, user management, e-map, decoder, ALP management, CSP management.
3.3 System	It includes domain, general setup, server setup and upgrade management.
3.4 Running status	It includes alert information, system log, device status, decoder status.
3.5 Log out	Log out DSS.

3.1 General Introduction

There are two levels: manager and operator.

Manager can add, remove or modify client-end device and etc.

Operator can monitor video, playback recorded file and etc in the client-end.

Note:

Manager account and operator account can not be mixed used in these two log-in interface. See Figure 3-1 and Figure 3-2.

Digital Surveillance Sy	vstem			
UserName:		ок		
Password:	Ca	lice		
Verify:	4187			
Re	merber Password		and password here.	

Figure 3-1

DSS	Digital	Surveillance	System	
Server IP:	10.8.1.36	Port:	9000	
User name:				
Password:				
	Save pass	word		Input operator user nam
				and password here.
	0. K	Cancel		



- Manager right includes: user management, right management, organization management, device management, storage plan management, E-map, alarm activation management, decoder management, general management, service setup, upgrade management, alarm information, system log, system device status list, decoder status list and user status list.
- Organization management: According to the whole monitor structure, set corresponding organization to manage conveniently.
- Device management: For user to add front-end DVR, NVS, and IPC.
- Storage plan management: it is for centre platform to storage the data from the front-end and auto storage to the redundant array of independent disks.
- Alarm activation management (ALP management): When there is an alarm from front-end device, the corresponding camera in the front-end can begin auto record (alarm activates the centre to record). The activation alarm includes external alarm, video loss alarm, motion detection alarm and camera masking alarm.
- Decoder: Add, remove and modify decoder information.
- General setup: Set CMS server, auto-number, compulsive I frame, log, alert information, Web server and DDNS.
- Service setup: Set median transfer server (MTS), centralized storage server (SS), device management server (DMS), video matrix server (VMS).
- Upgrade service management: it is to control and manage client-end upgrade. The operator auto updates to the latest version after the client-end upgrade.
- System log: Memory system running and operation log.
- Device status list: View front-end is online or not, and view its corresponding platform basic information.
- User status list: check user is online or not.
- Decoder status: Display all decoders' statuses.

You can refer to the following diagram.



3.2 Management Setup

Management is the first step of system initialization. It is also an important part of the system management. See Figure 3-3.

It includes the following seven sections:

- User management
- Right management
- Organization management
- Device management
- E-map
- CSP management
- ALP management
- Decoder management

3.2.1 Organization

System root name is blank by default, you can input root name here. In Figure 3-3, there is an organization of two levels. The root name is WEB and it consists of two groups.

In organization management, you need to nest the management layer one by one and the last child nod shall set according to the device actual position. Usually, one zone or one department is nested in one group nod. System supports max 255 levels.

ement - Organization	
nne	Operation
WEB	$\mathscr{L} \oplus$
ddsdaf	$\mathcal{L} \oplus \mathbb{X}$
SDK.	$\mathcal{L} + \mathbf{X}$
Construction (Pro-	

Figure 3-3

Click \mathcal{L} , you can modify the nod name and its corresponding information.

Click 🛨 , you can add a node.

Please note, you can only delete the non-node item. Click X, system pops up the following dialogue box. See Figure 3-4. Click OK to remove the selected nod.

Microso	ft Internet Explorer 🛛 🔀
2	Do you really want to delete current node now? Current operation will delete all its child nodes completely!
	OK Cancel

Figure 3-4

Note:

Delete one node; you will delete all its included child nodes at the same time! If the last node is the device, system also pops up the above dialogue box.

3.2.2 Device Management

This interface allows you to manage all devices.

Click device management button, you can see an interface is shown as in Figure 3-5.

agement - Dev	ice management					
d device					Pilowski	0
Device ID	Device name	Device type	Channel ar	no Device IP	Delongs to	operation
Device 1D 1001057	Device name GBU	Device type DVR	Channel ar 16	10.2.1.2	WEB WEB	

Figure 3-5

Click add device button, you can see the following interface. See Figure 3-6.

- Device ID: System automatically generates one device serial number (It ranges from 1001025). Please refer to chapter General Setup to set a self-defined number.
- Device Type: There are four options: DVR/IPC/NVS/MCD. MCD is virtual device to connect to the alarm host and the multiple control devices.
- Device Name: Please input a device name here.
- Memo: You can input some simple description here.You can just leave it in blank.
- Manufacturer: You can select from the dropdown list. Right now there is one option 1.
- Model: Input device model here.
- Channel Amount: There value ranges from 1 to 256. (Please make sure the number amount before you input. It can not be modified.)
- Alarm Input Amount: There value ranges from 1 to 256. (Please make sure the number amount before you input. It can not be modified.)
- Alarm Output Amount: There value ranges from 1 to 256. (Please make sure the number amount before you input. It can not be modified.)
- Device IP: Please input device IP here. If you enabled DDNS, you can just input DDNS map name.
- Device Port: Default value is 37777.
- User Name: Please input log in name here. It shall support reuse (E.g., multiple users can use this account to log in at the same time.)
- Password: Please input corresponding password here.
- Belong to: Please select the organization the device belongs to. (Here only displays the organization tree manager belongs to and its corresponding sub-tree.)
- Channel setup: Here you can input channel name and then select channel type(General camera, speed dome and half speed dome)
- Alarm Setup: You can input alarm input name and then select alter type. For alarm grade: There are three options.
- Alarm output Setup: Here you can input an alarm output name for respective channel. You can draw a circle to enable alarm function. You can also click ALL/Cancel button to select or cancel all channels. For alarm type, you can select from the dropdown list. There are two options: Normal open/Normal close.

Note: You need to input the corresponding information in item with *, otherwise system pops up warning when you save current setup.

Important

The system will automatically save the GPS information for 30 days.

peration Setup	- Device Management - Detailed informa	rtion
Device ID:	1001038	* Auto number
evice type:	DVR	
evice name:]•
lemo:		Roll down to view
		more information
lanufacturer:	1	a
lodel:		1
hannel amount:	1	*
larm amount:	0	-]*
larm Output mount:	0] • ·
evice IP:		*Please input the host name if you are using DDNS.
evice port:		*(1-65535)
ser name:	the current device or the conneciton is not s	PPlease make sure current user name is reusable, otherwise some servers can not connect to table .
assword:		1

Figure 3-6

3.2.3 Group Management

The user in the same group has the same rights and one user can belong to several groups. The group management also has two levels.

Manager has the system configuration rights and operator has management rights.

Click group management icon, you can see an interface is shown as in

Add *A	lministrator group		
Group ID	Group name	Operation	
7	abc	_2 ×	
Add *O	perator group		
Group ID	Group name	Operation	
10	Oveaseas	0 × ©	

Figure 3-7.

	Add *Admini Group ID	istrator group Group name	Operation	
	7	abc	🛛	
	Add *Operat	tor group		
	Group ID 10	Group name Oveaseas	Operation 🕼 🕼	
			Figure 3-7	
			Figure 3-7	
			Figure 3-7	
gement - Gro	up management		Figure 3-7	
gement - Gro	up management *Administrator group		Figure 3-7	
gement - Gro Add oup ID	up management *Administrator group Group name		Figure 3-7	
gement - Gro Add oup ID	up management *Administrator group Group name abc		Figure 3-7	
gement - Gro Add oup ID	up management *Administrator group Group name abc		Figure 3-7	
gement - Gro Add oup ID Add	up management *Administrator group Group name abc *Operator group		Figure 3-7	

Figure 3-7, click add button near the administrator group. You can see an interface is shown as

Group name:					
Group type:	Administrator group	~			
Rights:	□User Management □E-Map	□Right Management □ALP Management	Organization Decoder Management	Device Management	CSP Management
	Update Management	Alert Infomation	System Log	Device Status List	Decoder Status List

in

Figure 3-8. Manager right includes: user name, right group management, organization, device management, storage plan, alarm activation, general setup, service setup, update service, system log, device status and user status.

Please draw a circle before corresponding item and then click OK button to exit.

	System Setum - Ris	ght Management - Detai	led information			
	system setup - rug	gin management - Detar	ed mornation			
	Group name:					
	Group type:	Administrator group	~			
	Rights:	User Management E-Map Update Management User Status List	□Right Management □ALP Management □Alert Infomation	□ Organization □ Decoder Managemen □ System Log	Device Management General Setup Device Status List	CSP Management Service Setup Decoder Status List
	ОК	Cancel	F	igure 3-8		
			Г	igure s-o		
nogement - Gr	our management					
nnagement - Gr	oup management					
nnagement - Gri Add	oup management *Administrator grou	ф				
nagement - Gro Add Group ID	oup management *Administrator grou Group 1	щ		Operation		
unagement - Gr Add Group ID 7	oup management *Administrator grou Group 1 abc	p name		Operation		
Add Group ID 7 Add	oup management *Administrator grou Group 1 abc *Operator group	p name		Operation _L ⊠		
Add Group ID 7 Add Group ID	oup management *Administrator grou Group 1 abc *Operator group Group 1	up name		Operation 💌		

Figure 3-7, click add button near operator group, you can see an interface is shown as in Figure 3-9. Please input operator group name here (such as overseas) and then select group level (Level1 to Level 5). Finally you can click OK button.

tem setup - Id	gnt management - Detailet i	
Group name:		
Group type:	Operator group	~
Group level:	1	×

Figure 3-9

Note:

In

Please follow the steps to set corresponding rights for newly added user; otherwise you can not use this user!

Go back to

agement - Gro	up management		
Add	*Administrator group		
Group ID	Group name	Operation	
7	abc	2 ×	
Add	*Operator group		
Group ID	Group name	Operation	
10	Oveaseas	0 🗙 🕲	

Figure 3-7, click near the operator overseas. You can see an interface is shown as in Figure 3-11.

Froup name:	Merry		
Iroup type:	Operator group	×	
Group level:	1	×	
elongs to:	Department A	×	
Devices:	ipc	×	
Aonitor:			
layBack:			
PTZ:			
Varm device:	All Cancel		
larm output	🔲 🔲 All Cancel		
Direct Connection			
Update	Back		
Granted Dev	ice:		

Figure 3-10

You can select device from the dropdown list and then enable the corresponding operation rights (such as channel monitor right, playback right, PTZ control right, alarm channel control right and etc)

Then you can view the device name and IP address you have granted to current operator.

GBE - 10.7.4.24	1604GBU - 10.7.4.32	

Figure 3-11

In Figure 3-7, click \mathscr{I} near the operator, you can edit operator information. See Figure 3-12.

Group name:	Merry	
Group type:	Operator group	*
Group level:	1	~



nagement - Group	management		
Add *A	dministrator group		
Group ID	Group name	Operation	
7	abc	L 🗵	
Add *O	perator group		
Group ID	Group name	Operation	
10	Oveaseas	1 🗙 🚳	

Figure 3-7, click near the administrator, system pops up the following dialogue box. See Figure 3-13. Click OK to remove selected group.



Figure 3-13

3.2.4 User Management

Click user management button, you can see an interface is shown as in Figure 3-14. The user management includes two levels: administrator and operator.

Add *Admi	nistrator			
Account name	Alias	User type	Operation	
system	system	Administrator	l	
Add *Opera	Aline	Licer type	Operation	
		Operator	// (x)	
our	032			
gw domain	gw domain	Operator	0 ×	
gw domain yaozj	gw domain yaozj	Operator Operator	2× 2×	

Figure 3-14

Click add button near the administrator, you can see an interface is shown as in Figure 3-15. Here you can input administrator name and password. Then select corresponding groups (multiple choices). Please click OK to save current setup.

Operation Setu	p - User Management - Deta	iled information		
User name:				
Alias:				
password:				
Verify password	1:			
User type:	Administrator	~		
Group:	Overseas			
Organization	root	~		

Figure 3-15

In Figure 3-14, click \mathcal{A} near the administrator, you can modify current administrator information. See Figure 3-16.

operation setup	- User Management - Detailed	informatio
User name:	system	
Alias:	system	
password:	•••••	
Verify password:	•••••	
User type:	Administrator	~
Group:	Overseas	
Organization:	root	~

Figure 3-16

Click near the administrator, system pops up the following dialogue box. See Figure 3-17.



Figure 3-17

In Figure 3-14, click add button near the operator, you can see an interface is shown as in Figure 3-18. Please input operator name and password.

apperation Setup - User Management - Detailed information Jser name: Alias: assword: Jser type: Operator Group: 1 Merry				
Jser name: Alias: Alias	Operation Setup	- User Manag	ement - Detailed ir	formation
Jser name:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:Alias:				
Alias:	User name:			
Assword: /erify password: Jser type: Operator Group: 1 Merry	Alias:			
Verify password: Operator Story: 1 Merry	password;			
Jser type: Operator V Group: 1 Merry	Verify password:			
Group:	User type:	Operator		¥
	Group:	1	Merry	
			525 C	

Figure 3-18

In Figure 3-14, click \mathcal{A} near the operator, you can modify corresponding information. See Figure 3-19. You can lock current user if necessary.

Operation Set	up - User Management - Detailed	mormation
User name:	gw	
Alias:	gw	
password:		Reset
Verify passwor	rd:	
User type:	Operator	~
Group:	☑ 1	
Status:	Locked account	

Figure 3-19

Click the near the operator, system pops up the following dialogue box. See Figure 3-20. Please click OK to remove selected operator.



Figure 3-20

Important!

Please note you can not remove default administrator account system.

3.2.5 CSP Management

CSP(central storage plan) management interface is shown as in Figure 3-21.

This function allows system to storage the video in specified period. The recorded files are in the media of the central storage server. Please select the channel to record the video. This function becomes activated once you added the plan.

You need to input a plan name and then select corresponding period. Then you can draw a circle before the enable item to activate the setup.

Please note, if the period is not within one day (E.g. from 00:00 to 24:00), you need to draw a circle before the next day button.

Click add button, you can view the central storage plan on the right side.

The storage plan is memorized in the platform central server.

Management - CSP management

You can double click the plan name to view the detail information. See Figure 3-21.

			1	-	Low	1	Low-	N. mars	Lawrence 1
lan name:	6.27-2	ID IS	IName	Camera	Start time	End time	Status	Loop	Owner
ince enertion:	Treast 2009 V 1 V 1 V House 0 V Marts 0 V	10	6 27-4		00:00:00	23:59:00	Disable	true	system
THE SECTION	Pion 2000 - 1 - 1 - Pion of Minute of	10	6 27-3		00.00.00	23-50-00	Dicable	finia	estetem
	To: 2009 . 1 . 1 Hour 23 Minute 59	0	6 27-7		00.00.00	23.59.00	Disable	Inte	evetern
	_NextDay [Always]	2	6 27-1		00.00.00	23-59-00	Disable	true	system
eek:	Mon Tue Wed Thu Fri Sat Sun	7	高圩		00.00.00	23.59.00	Disable	Ime	system
	OF-the Openha	4	GEB4	4GBE	00.00.00	23:59:00	Disable	true	system
tatus.	CEnaole Chisaole	3	GBE3	GBE3	00.00.00	23:59:00	Disable	true	system
lemo:	<u>~</u>	2	GBE2	GBE球机	00:00:00	23:59:00	Disable	true	system
		1	GBEI	GBE1	00:00:00	23:59:00	Disable	true	system



When you add more than one plan to one channel, the specified period shall not overlap. Otherwise, you can see a dialogue box shown as in Figure 3-22.



Figure 3-22

3.2.6 ALP management

ALP (Alarm linkage/activation management) interface is shown as in Figure 3-23. When there is an alarm (video loss/motion detection/camera masking) from one device, system can generate alarm signal to the central server. Then the central storage server can automatically storages the video coming from the activated record function. (The record period is self-defined)

icyPolicy name	Alarm device	Alarm type	Enable	Operation
21	GBE1	VideoLost	Disable	2×

Figure 3-23

Click add policy button, you can see an interface is shown as in Figure 3-24.

Click search button, you can search the device and then select alarm channel, set alarm type (video loss, motion detection, camera masking).

Then select video channel, click , you have set the activated alarm device (One alarm

device can support several video device as the activation device.)

Then you can select the period. The activation becomes active during the specified period. If you choose all day then the setup is active all the time.

Please input the record time in the column, when there is activated alarm, system can begin record for specified time.

Please draw a circle before the enable to save current setup.

Please click OK button to finish the policy setup.

i device	Alarm trac	Pasard da	nico
	Alarm type: Video loss Video loss Camera masking Motion detection	Record de	0 × Hour 0 × Min 0 × Hour 0 × Min (Alwa
		Enable: Name: Memo:	Enable Disable

Figure 3-24

In Figure 3-23, click \mathcal{I} you can see an interface is shown as in Figure 3-25.

Here you can modify activated video device, the active period, record time and activation policy name.

rm device		Recording policy		
88		Alarm type:		Recording device
BE1(V) BBE球机(V) BBE球机(V)		VideoLost Devices	~	GBE1 10GBE
Kuck (1) GBE(M) GBE(M) GBE(M) GBE(M) GBE(M) GBE(M) IGBE(M) IGBE(M) IGBE(M) IGBE(M) IGBE(M) IGBE(M) IGBE(M) IGBE(M) IGBE(M) IGB(D) I		GBE GBE!* 11GBE* 11GBE 12GBE 14GBE 16GBE 16GBE 16GBE 6BE!* 6BE!* 6BE!* 6BE! 6BE 6BE 6GBE 7GBE 9GBE 9GBE 李明江旁边 		Time section: $0 \\ \leftarrow Minute \\ 0 \\ \leftarrow Minute \\ \leftarrow M$
22(A)	~	1604GBU	M	

Figure 3-25

Click R near the activation policy, system pops up the following interface. See Figure 3-26. Click OK button to remove the selected policy.

Microso	ft Internet Explorer 🛛 🔀
2	Do you really want to delete current policy now?
	OK Cancel

Figure 3-26

3.2.7 E-map

E-map provides three modes to display the nod: E-map, preview and device tree. Please refer to Figure 3-27.



Figure 3-27

In the E-map, you can see the device position and current status. Double click the e-map nod, you can see the property dialogue box. Here you can the detail information of the nod. See Figure 3-28.

Camera In	fomation 🛛 🔀
ID:	10020003
Title:	CAM 4
Type:	General Camera
Channel:	4
Direction:	Up
Pos	OK

Figure 3-28

Please note different e-map nods have different property interface.

The e-map nod consists of four modes: domain, camera, alarm channel and sub-e-map. The camera consists of general camera, speed dome, IP camera, network video server and so on. In Figure 3-27, click picture edit button, you can see the following interface. See Figure 3-29.

B	ackground picture	e manager		X
	Picture Name	Picture Title:	Picture File	Picture Description
	aaa gfhhagjkyrtegfbghth 1	aa	1_3.JPG 0_2.JPG 0_1.JPG	
	<			>
	Add	Modify		ОК

Figure 3-29

Click add button, you can see an interface is shown as in Figure 3-30. Here you can input picture name (such as Shanghai), picture title and then select picture path. Please click OK button to save current setup.

Add a picture		X
Picture Name:		
Picture Title:		
Picture Path:		
,	Browse	
	OK Cancel	



System goes back to Figure 3-29, please click OK button to exit.

After you finished the above steps, click picture button in Figure 3-27. Now you can see you have added an e-map (Shanghai). Repeat above steps to add more e-maps. See Figure 3-31.



Figure 3-31

In figure 3-31.select the e-map Shanghai and then drag it to the right section. You can add one e-map to the domain.

In Figure 3-31, select e-map Shanghai2 and then drag it to the display section. Now you can see an interface is shown as in Figure 3-32.



Figure 3-32

In Figure 3-32, click device button, and then drag the channel number to the e-map and then release. You can see the following interface. See Figure 3-33.

You can see you have added a camera in the e-map (The red circle one.)

Important

Always remember clicking save button in Figure 3-24 to save current e-map setup!



Figure 3-33

Click Clear Mapdata button on the right bottom, system pops up the following dialogue box. See Figure 3-34.

Clear Map	\mathbf{X}
Clear map info,#	Are you sure?
<u>Y</u> es	No

Figure 3-34

Click YES button, you can remove all e-map background and all nods.

Tip:

Move the green rectangle icon in the preview section; you can view different e-map content in display section.

You can repeat the above procedures to add a sub-map.

If you want to implement multiple sub-e-maps setup, you can follow the procedures below:

- Open one map such as map1.
- Click picture button and drag map 2 to anywhere in map1.
- Click map button and click map 2 to open current map
- Double click device name on your right side to add one device to map 2.
- You can view newly added e-map and device list in the map list section.
- Click save button, now you have added one sub-map and its device.

Click different e-map nod or e-map background, you can view various right-key menu. Domain background menu is shown as in Figure 3-35.



Figure 3-35

Sub e-map background menu is shown as in Figure 3-36.



Figure 3-36

Speed dome, IPC, alarm channel menu is shown as in Figure 3-37.



Figure 3-37

3.2.8 Decoder

Decoder interface allows you to manage all armed decoders. Click Decoder Manger, the interface is shown as below. See Figure 3-38.

N → 1 → ₩ (1 total Decoder ID) 60 Decoder name	Decoder type	Channel am	Decoder IP	Belongs to	Status	
N → 1 → M (1 total)	BRAD		10 1 4 4 5 1	001	131.186.00	
ntion Setup - Deco	oder Management						
ntion Setup - Dece	oder Management						
ntion Setup - Deco Decoder	oder Management						
ntion Setup - Deco Decoder	oder Management Decoder name	Decoder type	Channel am.	Decoder IP	Belongs to	Operation	

Figure 3-38

Click add decoder button, you can seen the following interface. See Figure 3-39.

System Setup - Gener	al Setup		
CMS Server CMS server IP: CMS Port:	10.7.7.9 9000		
OK Auto-number Enable auto-number: Initial serial number:	Yes 1001039	×	
OK Force-I-frame Enable force-I-frame:	Yes	M	
Log max storage time Log max storage time: OK	1 Cancel	Unit Month	
<u>دا</u>		W	S Trusted sites

Figure 3-39

- Decoder Number: You can input your self-defined number.
- Decoder type: There are two options: NVD and SNVD.
- Decoder name: You can input a name here for your own identification.
- Decoder output amount: Please input a value ranges from 1 to 16. Please note the number you input here can not be modified in the future. The system total NVD output number shall be less than 32.
- Decoder IP address: Please input current NVD IP address.
- NVD port: Please input port number here.
- User name: The user name you use to login the device.
- Password: The corresponding password you use to login the device.
- Belonging position Select decoder belong structure. System here only displays manager's the organization tree and its belonging tree:
- Decoder output setup: input a decoder output number, system can automatically display decoder output setup.
- Output name: Pleas add a name for your reference.
- Please note:
- For SNVD series, you do not need to input port number, user name and password.
- You need to fill in all items with * to complete the setup.
- Please make sure you are inputting according to the actual situation.

3.3 System

System configuration is an important part of the management. It is mainly about the system server setup. It includes three modules: normal setup, services setup and upgrade service.

3.3.1 General Setup

Click normal button, the interface is shown as in Figure 3-40.

CMS is an abbreviation for central management server. It is a key server for the whole system and the key of MTS, DMS, SS, VMS.

- CMS IP: Central management server IP.
- CMS port: Default value is 9000.
- Auto number: This is a serial number system gives to the device. Please refer to chapter Add Device for detailed information. You can also disable auto number function and then input your self-defined start number.
- Force I frame: This function allows system to use the compulsive I frame of the device. It can help open the video for devices you have used.
- Log max storage time: Input log storage time here. Unit is month.
- Alert information max storage time: Input alert information storage time here. Unit is month.
- DDNS: if you want to use DDNS function. You need to get server IP (PC IP), server port value (default value is 7070) and protocol (default value is 1).
- Web server IP: You can set Web server local host IP and WAN IP.

Please contact our technical support group for detailed DDNS server information.

System Setup - General	1 Setup		
CMS Server CMS server IP:	10 7 7 9		
CMS Port:	9000		
ок	Cancel		
Auto-number			
Enable auto-number:	Yes	Roll down to view	
initial serial number:	1001039	more information	
ОК	Cancel		
orce-I-frame			
nable force-I-frame:	Yes	<u> </u>	
ок	Cancel		
og max storage time			
.og max storage time:	1	Unit:Month	
OK	Cancol		
UK	Caller		_

Figure 3-40

3.3.2 Server Setup

The server setup interface is shown as in Figure 3-41. This interface allows you to manage all the serves in the system. All are established by default when you install the DSS. Usually we recommend you do not modify the service setup.

System Se	tup - Service Setup				
Add serve	er Type Name	IP	ID	Bandwidth	Additional i Operation
1	MTS MTS	10.7.7.9	1001	1000Mbps	Ø 🛛
2	SS SS	10.7.7.9	2001	1000Mbps	2 ×
3	DMS DMS	10.7.7.9	3001	1000Mbps	2 ×

Figure 3-41

Click add server button, you can see the following interface. See Figure 3-42. Please select the type first: MTS, SS, DMS, VMS (you need to set MTS, SS, CMS respectively by default.)

- IP: Please input server IP. The format shall be xxx.xxx.xxx.xxx.
- SN: Here you can input serial number to manage servers. Recommended serial number principle is: MTS: 100+1 (begins from 101). SS: 200+1.DMS:300+1.VMS:400+1. Please make sure the server (MTS, SS, DMS, VMS) serial number is unique.
- Name: Usually it is the type such as MTS.
- Organization: It is a root organization by default and can not be modified.
- Bandwidth: There are three options: 10Mps, 100 Mps, 1000 Mps.
- Password: Server login password.

2:		Bandwidth:	10Mbps	¥
):		Password:		
ume:		Memo:		~
7pe:	⊙MTS OSS ODMS OMMTS			
ganization:	root			<u>×</u>

Figure 3-42

Click *Click* of the corresponding server, you can modify server information. See Figure 3-43. You can modify IP, name, organization, bandwidth, password and memo.

	10.7.7.9	Bandwidth:	1000Mbps		
	1001	Password:			
ne:	MTS	Memo:		~	
e:	⊙mts ⊖ss ⊖dms ⊖mmts				
anization:	root			×	

Figure 3-43

Click of the corresponding server, system pops up the following dialogue box. See Figure 3-44.



Figure 3-44

3.3.3 Upgrade Management

It is to upgrade the client-end. The operator client-end automatically upgrade to the latest version after you update the client-end program here.

Click upgrade management, system goes to the following interface. See Figure 3-45.

Upload the update-file:	Browse	Version: 0807		ок		
File name	Path:		Update-time	Size	Run	
AnxiePlayer.pdb			20090807164924	1534976		
AutoUpdate.exe			20090807153438	458752		
AutoUpdate.pdb			20090807153438	6302720		
core.dll			20090602090002	483328		
ihdvr.dll			20090730115740	237620		
lhdvr.pdb			20090730115746	852992		
ihnetsdk. dli			20090730115746	647223		
ihnetsdk.pdb			20090730115752	1491968		
ihplay dil			20090807114254	385076		
ihplay.pdb			20090807114250	877568		
DilDeinterlace.dll			20090520191708	49152		
111h264.dll			20090710094800	294912		
illmpeg4. dll			20090520191708	487424		
OSS_Config.ini			20090807172606	820		
OSSClient.exe			20090807170410	2789376		
OSSClient.pdb			20090807170406	16960512		
ni_h264dec_w.dll			20090602090002	385024		
PlayIM4.dll			20090602090002	589824		
oorder.bmp	Interface/Default/		20090602085958	1440056		
oottom1_config.ini	Interface/Default/		20090602085958	1321		
oottom1_disable_en.bmp	Interface/Default/		20090602085956	165944		
oottom1_down_en.bmp	Interface/Default/		20090602085958	165944		
oottom1_normal_en.bmp	Interface/Default/		20090602085958	165944		
oottom1_over_en.bmp	Interface/Default/		20090602085958	165944		
oottom_config.ini	Interface/Default/		20090602085956	1308		
oottom_disable_en.bmp	Interface/Default/		20090602085958	194624		

Figure 3-45

Click browser button to open upgrade file and then input version number. Please click OK button to begin update. You can view the file name, path, update time, file size and running status at the bottom of the interface.

3.4 Running Status

Running status includes alarm information, system log, device status list and user status list.

3.4.1 Alert Information

Click alert message button, you can select some conditions such as structure, device, device channel, alarm time and alarm type to search alarm message. You can view the following interface. See Figure 3-46.

Alongs to root ▶ Device All Devices ▶ Type All Types ▶ Channel All C Alarm Time 00:00:00 23:59:59 Search 12345678910 → ₩ (137 total) 60 Device ID Alarm ID Type Status Message 1001034 Motion detect alarm occured 1001034 1 1001034 Motion detect alarm occured 1001034 1 1001034 1 1001034 Motion detect alarm occured 1001034 1 1 1001034 1 1001034 1 1001034 1 1001034 1 1001034 1 1 1001034 1 1001034 1 1001034 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1<	hannels 💌
Alarm Time 00.00.00 \cdot 23:59:59 Search 1 2 3 4 5 6 7 8 9 10 > \Rightarrow (137 tota) \odot \odot \odot Device ID Alarm ID Type Status Message 1001034 1 Motion detect alarm occured	
1 2 3 4 5 6 7 8 9 10 \rightarrow m (137 tota) Status Message 1001034 1 Motion detect alarn occured 1001034 1<	
Device ID Alarm ID Type Status Message 1001034 1 Motion detect alarm occured 10010	
1001034 Motion detect 1001034 Moti	Alarm Time
1001034 1 Motion detect alarm occured 1001034 1 <t< td=""><td>2009-10-14 17:17:31.0</td></t<>	2009-10-14 17:17:31.0
1001034 1 Motion detect alarn occured 1001034 1 Motion detect alarn occured	2009-10-14 17:17:15.0
1001034 1 Motion detect 1	2009-10-14 17:17:02.0
1001034 I Motion detect 1001034 1001034 I Motion detect 10000000	2009-10-14 17:16:52.0
1001034 1 Motion detect 1	2009-10-14 17:16:44.0
1001034 1 Motion detect 1	2009-10-14 17:16:34.0
1001034 1 Motion detect alarm occured 1001034 1 </td <td>2009-10-14 17:16:15:0</td>	2009-10-14 17:16:15:0
1001034 1 Motion detect alarm occured 1001034 1 </td <td>2009-10-14 17:15:57 0</td>	2009-10-14 17:15:57 0
1001034 1 Motion detect	2009-10-14 17:15:49.0
1001034 1 Motion detect alarm occured	2009-10-14 17:15:41.0
1001034 1 Motion detect alarm occured	2009-10-14 17:15:31.0
1001034 1 Motion detect alarm occured	2009-10-14 17:14:22.0
1001034 1 Motion detect alarm occured	2009-10-14 17:14:12.0
1001034 1 Motion detect alarm occured	2009-10-14 17:14:04.0
1001034 1 Motion detect alarm occured	2009-10-14 17:13:52.0
1001034 1 Motion detect alarm occured	2009-10-14 17:13:38.0
1001034 1 Motion detect alarm occured	2009-10-14 17:13:30.0
1001034 1 Motion detect alarm occured	2009-10-14 17:13:22.0
1001034 1 Motion detect alarm occured	2009-10-14 17:13:12.0
1001034 1 Motion detect alrm occured 1001034 1 Motion detect alarm occured	2009-10-14 17:13:02.0
1001034 1 Motion detect alarm occured	2009-10-14 17:12:51.0
1001034 1 Motion detect alarm occured	2009-10-14 17:12:36.0
1001034 1 Motion detect alarm occured 1001034 1 Motion detect alarm occured 1001034 1 Motion detect alarm occured	2009-10-14 17:12:24.0
1001034 I Motion detect 1001034 1 Motion detect alarm occured	2009-10-14 17:12:08.0
1001034 1 Motion detect alarm occured	2009-10-14 17:12:05.0
	2009-10-14 17:11:51.0
1001034 1 Motion detect	2009-10-14 17:11:40.0
1001034 1 Motion detect alarm occured	2009-10-14 17:11:30.0
1001034 1 Motion detect alarm occured	2009-10-14 17:11:15.0



Click one alarm message; you can view the detail information. See Figure 3-47.

Running Stat	us - Alert Infomation - Detailed informatio	m	
Alarm Time Device ID Alarm ID	2009-10-14 17:17:31.0 1001034 1		
Type Status Message	Motion detect		
Back	<u>×</u>		



3.4.2 System Log

Click log button, you can see an interface is shown as in Figure 3-48. Here you can view device status and user status.

System log includes the three types:

- System event
- Administrator operation for the system.
- Administrator log in information.

Generally speaking, there are system log, operation log and event log.

You can search by selecting corresponding type (Log period/log type/activation log in name).

uning Status - System Log		
Time period(2008-5-1):	Log type All Vser All	Search
12345078910 • M (13	8 total)	The second se
lime	Message	User
2009-10-14 17:15:30	Device is online (1001034)(ipc)	
2009-10-14 17:15:29	Device is offline (1001034)(ipc)	and the second
2009-10-14 17:10:12	Device is online (1001034)(ipc)	
	Device is offline (1001034)(ipc)	
2009-10-14 17:09:24	Operator has logged out (linaiyan)	
	Device is online (1001034)(ipc)	
2009-10-14 17:06:25	Device is offine (1001034)(tpc)	
2009-10-14 17:06:02	Device is offline (1001034)(ipc)	
2009-10-14 17:00:01	Device is offline (1001034)(ipc)	
	Device is offline (1001034)(ipc)	
2009-10-14 17:02:19	Operator successfully logged in (likeitten)	
2009-10-14 10:59:08	Denator successibility togget in (intalyan)	
2009-10-14 10:58:25	Device is offline (1001034)(ipc)	
2009-10-14 10:50:24	Device is online (1001034)(ipc)	
2009-10-14 16:53:56	Device is offline (1001034)(ipc)	
2000-10-14 16:53:00	Group right has been undated	erretern
2009-10-14 16:42:33	Device is online (1001034)(inc)	system
2009-10-14 16:48:35	Device is offline (1001034)(inc)	
2000-10-14 16:47:50	Add group	system
2009-10-14 16:47:44	Add group	system
SI 2009-10-14 16:45:18	User successfully logged in	system
2000-10-14 16:38:02	Device is online (1001038) (Overseas)	System
× 2009-10-14 16:38:01	Add device information	system
2009-10-14 16:31:09	Device is online (1001034) (inc)	
2009-10-14 16:31:07	Device is offline (1001034)(ipc)	
2009-10-14 16:28:17	Device is online (1001034)(ipc)	
2009-10-14 16:28:15	Device is offline (1001034)(ipc)	
2009-10-14 16:24:38	Add user information	system
2009-10-14 16:24:11	User successfully logged in	system
2009-10-14 16:24:06	Timeout	
** **** ·* · · · · · * *	Text 1	

Figure 3-48

3.4.3 Device Status

Click device status button, you can see an interface is shown as in Figure 3-49.

Here you can view device serial number, name, type, channel amount, IP address, organization and its status. You can quickly find the malfunction device here.

Running Status - D	evice Status List						
₩ 4 1 ► ₩ (1 total) Device ID	Device name	Device type	Channel	am Device IP	Belongs to	Status	
1001034	ipc	IPC	1	10.7.8.6	Department A	Online	
1001038	Överseas	DVR	16	10.10.5.159	Department A	Online	
He 4 1 > HH (1 total)	60						



3.4.4 User Status

Click user status button, you can see an interface is shown as in Figure 3-50.

Here you can view all operator status and get online operator, operator amount, locked amount and total amount.

Yellow font means current user is online.

ming Statue - Hear Sta	tue Liet			
uning status - User sta	tus hist			
Account name	Alias	User type	State	
gw	gw	Operator	Offline	
domain	domain	Operator	Online	
yaozj	yaozi	Operator	Offline	
liboiron	lihaivan	Operator	Offline	

Figure 3-50

3.4.5 Decoder Status List

Click decoder status button, the interface is shown as below. See Figure 3-51.

Here you can view current decoder serial number, name, type, output amount, IP address, belonging position, status.

The red font means current device is offline.

In this interface, you can quickly find the malfunction decoder.

1 ► ₩ (1 total)	60				
Decoder ID	Decoder name	Decoder type	Channel am Decoder IP	Belongs to	Status

Figure 3-51

3.5 Log out

Click log out button, system pops up the following interface. See Figure 3-52. Click OK to exit DSS.



Figure 3-52

Note

- This user's manual is for reference only. Slight difference may be found in user interface.
- All the designs and software here are subject to change without prior written notice.
- If there is any uncertainty or controversy, please refer to the final explanation of us.
- Please visit our website for more information.