



DSS Professional

Function List

Ver: 7.00.000

Revision Table

NO	Version	Revised by	Content	Data
1	1.0	王颖	INITIAL RELEASE	
2				
3				
4				
5				
6				

Content

1	DSS VERSION	1
2	RUNNING ENVIRONMENT	1
3	INSTALL AND UNINSTALL	1
3.1	SEVER	1
3.1.1	Install	1
3.1.2	Start/Stop DSS Service	1
3.1.3	Uninstall	2
3.2	CLIENT	2
3.2.1	Install	2
3.2.2	Uninstall	2
4	DSS PROFESSIONAL SERVICE MANAGE TOOL	2
5	DSS PROFESSIONAL WEB MANAGER	3
5.1	LOGIN	3
5.2	HOMPAGE	3
5.3	DEVICE	3
5.4	USER	5
5.5	ORGANIZATION	6
5.6	EVENTS	6
5.7	STORAGE	7
5.8	VIDEO WALL	8
5.9	MAP	8
5.10	BACKUP AND RESTORE	9
5.11	PARAMETERS	9
5.12	STATISTICS	10
5.13	LOG	10

6	DSS PROFESSIONAL CONTROL CLIENT	10
6.1	LOGIN.....	10
6.2	TOOLBAR.....	11
6.2.1	Local config	12
6.3	NAVIGATION OF DSS CLIENT	14
6.4	LIVE PREVIEW	14
6.4.1	PTZ	17
6.4.2	Electric focus.....	17
6.5	SMART TRACK FOR FISHEYE.....	18
6.6	PLAYBACK.....	18
6.6.1	Record search	18
6.6.2	Playback	18
6.7	DOWNLOAD CENTER.....	20
6.8	MAP	20
6.9	EVENT CENTER	21
6.10	VIDEO WALL	21
7	NKB CONTROL.....	22

1 DSS Version

DSS V7.00.000

2 Running Environment

Type	system
Server	<ul style="list-style-type: none"> ● windows 7 (Ultimate) ● windows 10 (Professional/ Enterprise) ● windows server2008 (Standard)
Client	<ul style="list-style-type: none"> ● windows 7、 windows 8、 windows 10

3 Install and uninstall

3.1 Sever

3.1.1 Install

Function	Detail	Remark
Install	Show the software license agreement. If you want install it, you must agree the agreement	
	You can change the installation directory	
	Display the required space and the free space for the selected installation directory	
	Whether to generate shortcuts	
	Displays the progress of the installation	
	After installation, you can choose whether to run the service immediately.	

3.1.2 Start/Stop DSS Service

Function	Detail	Remark
Start	When the server starts, the services can auto-run	
	Start the DSS services through DSS Server.	
	Double Click the DSS Server icon can start DSS services when DSS services are stop.	
Stop	Stop the DSS services through DSS Server.	

3.1.3 Uninstall

Function	Detail	Remark
Uninstall	Display the uninstall progress	
	Delete desktop shortcuts, registry information, folders	

3.2 Client

3.2.1 Install

You can download the control client package from DSS Professional Web Manager. You can install client on different PC to monitor.

Function	Detail	Remark
Install	You can choose the language. Default language is system language.	
	You must accept the terms of agreement, then you can go to next.	
	You can choose the install path. The default path is C:/DSS Professional/DSS Control Client	
	During installation, it will show the installation progress	
	After finishing the installation, there is a shortcut on desktop. Check the start now button, you can start the client after installation	

3.2.2 Uninstall

You can remove the client.

Function	Detail	Remark
Uninstall	Display the uninstall progress	
	Delete the install folder, shortcuts and registry.	

4 DSS Professional Service Manage Tool

Function	Detail	Remark
Start/Stop Services	Start/Stop Services through DSS Server.	
Status	Get the online information of all services	
Setting	Change the port number of services if you need	

	Set WAN Mapping IP address	
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5 DSS Professional Web Manager

5.1 Login

You can login the system and download the package of DSS professional control client. Scan the QR code, you can download the DSS mobile.

Function	Detail	Remark
Login	You can login the system via the default account (system/123456) ,but you must change the default password and set the security question . Account will be locked for 10 minutes after inputting password error for 5 times.	
Forgot Password	You can find your password via security question (only support the default account "system")	
Download	You can download the package of DSS Professional Control Client and DSS mobile.	

5.2 Homepage

You can use the quick guide to add user and device, also can set event and record plan. You can view the account information, license information and overview status of the system, can get help via help part.

Function	Detail	Remark
Quick Guide	Add device, Add user, event config, set record plan.	
Account information	Display the account name	
	Support to change the password.	
	Logout	
license information	Display license information	
	Export the application information	
	Import the license	
Overview	Get online information of user, device and service. Get disk capacity status	
help	Download the user manual, DSS Mobile user manual and FAQ	
	DSS support E-mail address	

5.3 Device

Device management function can manage device information based on organization structure and can realize remote configuration of devices. You can add device in two ways: Input the device information or search the device

on network to add device.

Function	Detail	Remark
Auto search	Search the Dahua device on the network. Display the device IP address, port, device type.	
	Refresh the auto search.After refreshing, the system will search again.	
	Support to search device for the specified network segment	
	Check the multi-device on the search list to add to platform	
Manually Add	Support protocol: Dahua Private, Hik Private, Onvif	
	4 adding mode for Dahua device: 1.IP Address 2.IP segment 3.Domain name 4.Register	
	Dahua Device type can be added: 1.Encoder 2.Decoder 3.Video Wall 4.Alarm host 5.IVS Device 6.Matrix 7.Access control 8.video talk 9.POS	
	Hik Device type can be added: 1.Encoder 2.Decoder	
	Onvif: We can only add encoder device via Onvif.	
	Support to assign the device organization	
	Assign the video Sever	
	Input the video channel and alarm channel by yourself if get channel information failed.	
	Support encoder type: DVR/IPC/NVS/MDVR/NVR/MPT300/EVS/Smart IPC/Smart NVR/VTT/Thermal Camera	
Device display	Display the device type.	
	Display the follow information of device: IP address/Port/Name/Type/Org/status/offline reason	
	Sort the device list by IP address, name, type, status	

Delete Device	Support to delete the device one by one	
	Support to batch delete the device	
Edit Device	You can modify the device information beside protocol and manufacture.	
Device config	Open the device config page to config device parameter	

5.4 User

You can add, modify and delete user. First set role and grant certain permissions to the role, then add user of that role. Permissions of user role include device right, administrator menu permission and operator menu permissions. Different users may have different operation rights according to their user role. We provide 2 roles (administrator and operator) and one 1 user (system).

Function	Detail	Remark
Role	Up to 100 roles.	
	Set the permission of the role: device permission, device control permission, administrator menu permission, operator menu permissions	
	Device control permission: Liveview (not display on the menu, role has this permission by default) Record playback Record lock Record tag Record download PTZ control Audio talk Snapshot	
	2 default role: Administrator and Operator. Administrator has all permissions, Operator only has client permissions.	
	You can choose the user you want to assign the role from page of add role or edit role	
	Copy permissions from the exist role.	
User	Up to 10000 users	
	The length of username cannot exceed 20 characters	
	Add, delete, modify the user	
	Lock user	
	Different person can login the system at the same time use the same user.	
	Display the user online status.	
	One user can belong to more than one role.	

	PTZ Level: 1-10,1 indicates lowest, 10 indicates highest	
	Password level cannot be weak.	
	You can set password expiry date if you enable it.	
	You can set user's E-mail	
	You can enable the MAC address check.(only for client)	
	Support to display the user's permissions when you config user	
	Support to import domain user and assign the role to domain user.	
	You can jump to the active directory page to set the configuration for domain user.	
	Provide a default Administrator user(username: system)	

5.5 Organization

Via organization management function, you can arrange, organize and manage layer of device and channel. The default first-level general organization is root node. Newly added organization will be displayed below the site node.

Function	Detail	Remark
Add organization	Hierarchy of the organization is up to 10 layers	
	The amount is up to 10000	
	The length of Org name cannot exceed 50 characters	
Edit organization	Modify the org name.	
	Delete the org (no device in this org and subordinate org)	
	Adjust the hierarchy of org by dragging	
Move device	Check the device, then move devices to the organization you want to move.	

5.6 Events

You can set event scheme, choose alarm type and alarm source to set alarm event. You can set the linkage of this event such as link video, link e-mail, link PTZ, link access control, link alarm output, link video wall and so on.

Function	Detail	Remark
Set alarm source	Alarm type	
	base on alarm type to choose alarm source	
Link video channel	set link video channel(Up to 16 link video channels)	
	Alarm about video channel to set the link video can link itself or manually choose the link video channel.	
	Open the link video channel on the client	

	Capture the link video channel when alarm is triggered. Save the picture to sever.	
	Set record to link video channel, record can save on sever or device.	
Link E-mail	Set link e-mail, send e-mail to user when alarm is triggered	
Link action	Set link alarm output, set duration of alarm output.	
	Set link access control action	
	Set link PTZ action	
Link Video wall	choose the video channel you want to decode to vieo wall	
	Choose the window you want to display the alarm video.	
	You can add new video wall	
	You can set window of video wall	
Alarm config	Up to 1000 alarm schemes	
	Support time template (3 default time templates: all time, bussiness day, Weekend). You can add, delete and modfiy the time template.	
	Support to config alarm level: low,middle, high	

5.7 Storage

DSS supports center storage plan of channel which allow front-end device to record during planned period. System saves record file to DSS center storage server. We can config the local record plan via DSS. Also DSS supports to get local record to center storage use DSS backup function, supports disk quota.

Function	Detail	Remark
Normal Plan	Up to 100 normal record plans	
	Add, edit and delete the plan.	
	Save position: Center storage, Local device	
	Support to choose the stream type to save Support record time template (3 default time templates: all time, business day and weekend). You can add, delete and modify the time template.	
Backup record plan	Up to 100 backup record plans	
	Add, edit and delete the plan.	
	Backup condition: WiFi or Fixed Time	
Disk Quota	Divide the system storage disk (raid group) or network storage disk to several group.	

	The rest of the disks which do not allocate the group, DSS treats as a default group.(DSS treat whole disk as default group at initial)	
	We can allocate the video channel to different disk group. If we do not allocate, the channel belong to default disk group.	
	If there is no default disk group, every video channel should be allocated to disk group, otherwise we can not set record plan.	
Storage config	Format the system storage disk	
	Display the system storage disk information: Disk name, Slot No., Capacity, Usage Capacity, Free Capacity, Disk type, Status, Health Status, File System Status	
	Add network disk	
	Format network disk	
	Display the network disk information: IP address, Capacity, Free Capacity, Volume Disk type, File System Status	

5.8 Video wall

DSS supports configuration of video wall. Need used with NVD or Centre Controller product, such as M70, M30

After Video wall is configured, you can make video display on Video wall from Client.

Function	Detail	Remark
Video Wall Config	Up to create 20 video walls.	
	Add, edit and delete video wall.	
	Set video wall layout. Support to combine several screen to one big Screen.	
	Bind decoder.	
	Support show the screen ID.	

5.9 Map

DSS supports raster map, Google and Google offline map. You can drag device, onto the map.

Function	Detail	Remark
GIS Map	Google online	
	Import Google offline map package.	
	Set the initial information of GIS Map: longitude/latitude, map initial zoom level, map spot display level, min map display level, max map display level.	
Raster Map	Up to 8 level raster map.	

	Every level supports 50 hot zone.	
	Max size of raster map is 15M	
	Map name can't contain special character.	
Map application	Add device to map: Video channel, Alarm input.	
	Mark point on the map. For GIS map, you can measure distance and area	
	You can reset the map to initial size.	

5.10 Backup and Restore

DSS supports config info backup to local PC or sever. We can restore the config info by backup files.

Function	Detail	Remark
Manual Backup	Click the backup button to backup the config info. Manual backup path: C/User/download(chrome)	
Automatic Backup	Backup the config info to sever automatically. You can set backup time: daily, weekly, monthly, never.	
Backup content	Device info, User Info, Org Info, Record Plan, Alarm scheme, Parameter setting, Server management, files(Raster map)	
Restore	Restore the system by the backup file stored on local PC or sever.	

5.11 Parameters

Setup system parameters.

Function	Detail	Remark
Message Storage Time Setup	Log, Alarm, GPS info, POS storage time, unit: day.	
	Up to 3650	
Interval Setup	Set the interval of 3G flow searching and GPS info uploading.	
FTP Setup	Set FTP, contain LAN path, WAN path, username and password.	
Time Calibration Setup	Device time Sync: Set start time, interval.	
	Sever time Sync, Set NTP and refresh cycle.	
	Sync now	
Mail sever	SMTP sever supports Yahoo, Gmail, Hotmail	
	Customize SMTP sever	

	SMTP info: SMTP sever address, Port, username, Password.	
	Mail test: test the setup right or wrong.	
Active Directory Setup	Setup info of LDAP, then can import the domain user.	
HTTPS	Enable Https check. Load HTTPS certificate, set password.	

5.12 Statistics

DSS supports statistics of DSS platform. We can easy get the system information from this module.

Function	Detail	Remark
Overview	The status of sever: CPU, Storage network information.	
	The online information of service, device and user	
	The events information: Nearly one month alarm event handling.	
	Source information: video channel/ alarm channel	
Detail	CPU of each sever, storage detail, Bandwidth detail	
	Sever status: Master sever and slave sever running status. We can get service status of each sever.	
	Real time and history device online status.	
	Real time and history user login information.	
	Get Device report contain hard disk information, video information, record information	
	Detail information of channel resource: channel name, belong to device and channel type.	

5.13 Log

You can search and export the log information at this module.

Function	Detail	Remark
Log type	Administrator log Client log System log	
Log Search	By time, type, keyword	
Export log	Export the log information	

6 DSS Professional Control Client

6.1 Login

You can login DSS client, Support system user and domain user.

Function	Detail	Remark
System user	Support to remember the password	
	Support auto-login	
	Verify the password.The password is encrypted during verification	
	When the login fails, there is a corresponding prompt information	
	The client will remember the sever IP and port. We can hidden this information after we input this information.	
	Display the login progress	
	The account will be locked for 10 minutes after inputting error password 5 times	
Domain user	You must load the domain user and assign the permissions in admin system first.	
	You can login the system using the domain user of current computer	
	When the login fails, there is a corresponding Prompt information	
	The client will remember the sever IP and port. We can hidden this information after we input this information.	
	Display the login progress	
	The account will be locked for 5 minutes after inputting error password 5 times	

6.2 Toolbar

Function	Detail	Remark
Alarm Widget	Enable/disable the alarm voice	
	Display the alarm amount. If the number more than 99,it will show "99+"	
	Click the alarm button, it will goto events page, also the show number will clear.	
User info	Display username	
	Display the Sever IP address	
	Lock the client, you must input the password of the current user to unlock.	
	Change the password.	
	Logout	
	Open the user manual	

	Display the version and release date.	
Local config	Basic config	Detail information can find in the local config chapter.
	Video config	
	Playback Config	
	Capture	
	Record	
	Alarm	
	Shortcutkey	
Computer status	CPU/RAM/Network	

6.2.1 Local config

Function	Detail	Remark
Basic config	Language: simplified Chinese/English	
	Theme : Dark/Light	
	Resolution: 960*680/1024*768/1280*800/1280*1024/1440*900/1680*1050	
	Support to synchronize the client time with sever.	
	Enable/disable auto-login	
	Enable/disable auto-launch	
	Keep last live preview when login the client next time.	
	Self-adaptive talk parameter	
	Device tree display: whether show device nod.	
Video config	Windows number of live preview: 1, 4, 6, 8, 9, 13, 16, 20, 25, 36	
	Stream setting: set window number,if the window count exceed this number, Video will change to sub stream.	
	Default play mode: real-time priority, fluency priority, balance priority, Customize	
	Instant playback duration: 30s、 1min、 2min、 5min、 10min	
	Double click video window to max and exchange to main stream	
	Enable/disable hardware decoding(decoding performance depends on graphics card)	
Playback config	windows number of playback: 1, 4, 6, 8, 9, 13, 16, 20, 25, 36	
	Enable/disable extract frame to playback for High-definition	
Snapshot Config	Format: BMP, JPEG	
	Save Path (Default:C:\DSS Professional\DSS Control Client\Picture\), you can change the path	
	Name format: time_channelNo/time_channelname/channelNo_time/channelname_time	
	Continuous snapshot time interval: more than 1s	
	Continuous shanshot number(2-10)	
Record config	Save path (Default: C:\DSS Professional\DSS Control Client\Record\), you can change the path.	

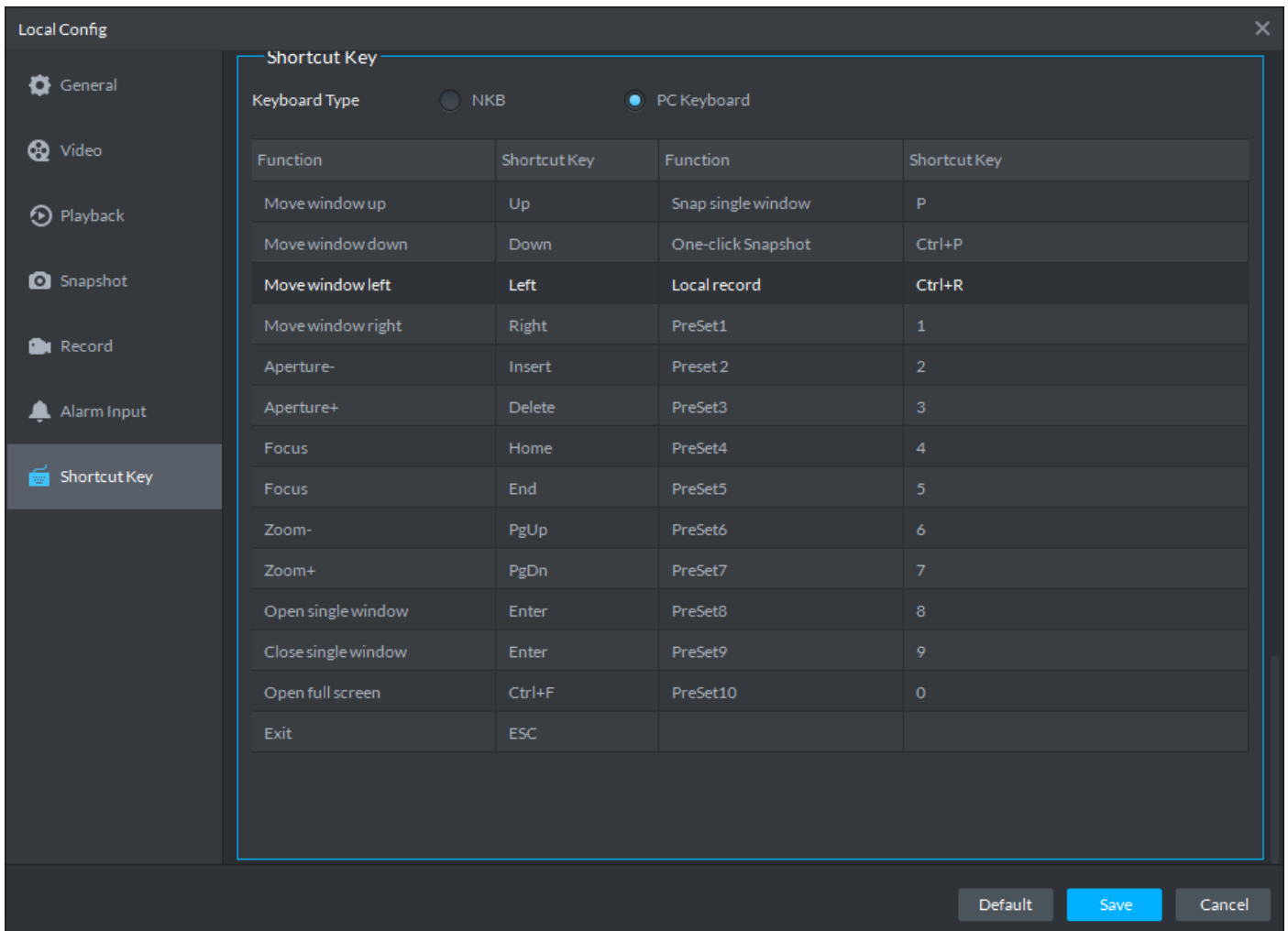
	record name format: time_channelNo/time_channelname/channelNo_time/channelname_time	
	max size of record (10-1500M)	
Alarm Config	Enable/disable cycle alarm sound.	
	Customize the alarm sound	
	Device flash on the map when alarm is occurring	
	Support Pop up alarm video or play alarm video on live preview.	
Shortcut key	keybord type: pkeyboard or NKB(refer to NKB protocol)	

Shortcut Key

Keyboard Type: NKB PC Keyboard

Function	Shortcut Key	Function	Shortcut Key
Move window up	IRIS- (Oper Mode)	Move window down	IRIS+ (Oper Mode)
Move window left	Focus- (Focus M...)	Move window right	Focus+ (Focus Mode)
Zoom-	Zoom- (Oper Mo...)	Zoom+	Zoom+ (Oper Mode)
Aperture-	IRIS- (Edit Mode)	Aperture+	IRIS+ (Edit Mode)
Focus	Focus- (Edit Mode)	Focus	Focus+ (Edit Mode)
Choose output screen	NUM+PLAY	Screen maximization	NUM+FN
Choose window number	NUM+MULT	Screen restore	0+FN
Choose window	NUM+ID	IPC menu	OTHER
Choose import Source	NUM+CAM	Call preset	NUM+PRESET
Previous video source	SHIFT	Hori pan	PAN
Next video source	Enter	Scan	Scan
Erase one bit	ESC	Tour	NUM+TOUR
Switch mode	SETUP	Pattern	NUM+PATTERN
Main/Sub stream setup	1+SETUP	PTZ	Rocker control
Execute Tour in All Screen	0+AUX	Execute tour in current screen	1+AUX
Open all video sources	2+AUX	Close all video sources	3+AUX

Default Save Cancel



6.3 Navigation of DSS client

You can goto the module by the navigation.

Function	Detail	Remark
navigation	The first time login, it will display the live preview page.	
	We can open 4 live preview page.	
	We cannot close the last page.	
	It will close the page if you double check the tab.	

6.4 Live Preview

You can view the real-time video of camera, change the layout, add the channel to favorite, save the view, do tour by org, favorite or view. You can control the PTZ.

Function	Detail	Remark
Resource	Display type: device, raster map	

Favorite	Display the device tree base on the user's permission. The empty org doesn't display here	
	We can search the resource by key words.	
	Add channel to favorite.	
	Double check the org, device or channel can open the video.	
	Make video tour by org, device. Duration time: 10s, 30s, 1min, 2min, 5min, 10min.	
	Display device type: device name or device IP address	
	Sort device tree: ascending/descending /default	
	Hide the offline channel or device.	
	Whether show the device(config in loal config)	
	Open samrt track for fishye or fixed camera.	
	Add, edit, delete favorite.	
	You can drag the favorite to adjust hierarchical relationship	
	Support 10 level.	
	Your can drag the favorite or channel to play video.	
	Make video tour by favorite. Duration time: 10s, 30s, 1min, 2min, 5min, 10min.	
	Searh resource	
We can search the resource by key words.		
View	One-key to save view.	
	Rename the view.	
	Create folder.(only under the site,can't create under the folder)	
	Drag view to folder.	
	Make video tour by view or folder. Duration time: 10s, 30s, 1min, 2min, 5min, 10min.	
	Up to 100 views	
Tool on the window	Operations on toolbar are valid for current window.	
	Toolbar is hiddened by default, after opening video, toolbar will show when we move the mouse to the window	
	Display the coded format, resolution and stream.	
	Enable/disable Instant playback: you can config the instant playback time duration in local config(If you want enable the instant playback function, the channel must have record in center storage or local storage)	
	Enable/disable audio	
	Enable/disable voice intercom	
	Local record(store on PC which is running the client)	
	Capture	

	Close the video of current window.	
Right click function on screen	Support close the video of current window or video of all windows	
	Enable/disable audio	
	Enable/disable voice intercom	
	Local record(store on PC which is running the client)	
	Enable/disable remote record(store on center storage, channel dose not configure the normal record plan that store on center storage)	
	Snapshot	
	Continuous snapshot(config the number in the local config)	
	Change stream type: main, sub, third(Device should support this stream type)	
	Change play mode: real-time priority, fluency priority, balance priority, Customize (you can set the default mode in loal config)	
	Adjust picture: brightness, contrast,Saturation, Hue	
	Video enhance: defog, denoising, discoloration, enhance night video.	
	Screen mode: normal, 1+3, 1+5	
	Fisheye mode: wall, in-ceiling mount, ground.	
	Fisheye view	
	Add to favorite(this channel or all channel)	
	Enter/exit full-screen	
	Alarm output control: open/close	
Set/cancel the alarm window		
Switch to playback module		
Deocde the video to video wall		
operation for Screen	You can drag the window to change the position.	
	Scroll the mouse wheel zoom in and out	
	After zooming in on the screen, you can use mouse to move position.	
	When DSS client be started next time,it can keep the last live preview which close last time.(you can config in local config)	
Bottom toolbar	Save view.	
	Support 1、 4、 6、 8、 9、 13、 16、 20、 25、 36、 64 mode.	
	Customize split	

	Display mode: original, full screen	
	Paly or pause the tour	
	Full-screen	
Raster Map	Open Raster map on preview window.	
PTZ	Find in PTZ chapter	

6.4.1 PTZ

Function	Detail	Remark
PTZ lock	User can lock PTZ	
	PTZ will unlock if you do nothing with it in 30s	
	The user has high PTZ control level can unlock the PTZ locked by user has lower PTZ control level.(PTZ control level can be set in web manager)	
	If the PTZ unlock, all user can operate it.	
	There will have prompt, if the PTZ is unlocked or oprated by other user.	
Basic function	PTZ pannel supports eight directions operation	
	Support 8-level speed adjustment	
	Digital zoom in by box selection	
	Move mouse to simulate eight directions operation	
	Adjust focus, zoom, IRIS	
	Show or hidden more function	
More function	Add, delete preset.	
	Edit Cruise between preset, Enable/disable Cruise	
	Edit Cruise, Enable/disable Cruise	
	Open/close rotate, wiper, light, infrared	
	Line scan	
	Command	
	PTZ menu(Device must support)	

6.4.2 Electric focus

Function	Detail	Remark
Electric focus	Support the electric zoom function, you can adjust the lens distance	
	Support focus adjustment function, can manually adjust the focal length	
	Support auto focus	
	Reset the focus to reset the device's initial state	

6.5 Smart track for fisheye

You can bind fisheeye and speed dome. Then fisheeye show the whole scene the speed dome show the detail. Use moue to click the screen of fisheeye, the speed dome will adjust the direction to the point you clicked on the fiseye to show the detail.

Function	Detail	Remark
Fisheye correction	Set the fisheye correction type on DSS Web Manager: Front-end correction and back-end correction. Support to use back-end correction.	
Add task	Set the smart track for fisheye task name.	
	Choose the speed dome and fisheye to bind.	
	Set the calibration point, at least 3, up to 8	
	Delete and modify the task.	
Excute the task	Double cilck the created task, it will goto preview page to play the fishey and speed dome video.	
	Use moue to click the screen of fisheeye, the speed dome will adjust the direction to the point you clicked on the fiseye to show the detail.	
	On the preview page, also can open the smart track for fisheye on the device tree.	

6.6 Playback

You can search video from this module, then give the playback.

6.6.1 Record search

Function	Detail	Remark
Record postion	On sever(center record)	
	On device(Local record)	
Search time	Search for three days record	
Record filter	All, Schedule, alarm, motion detect, video loss, tampering	Use righth button of mouse to click the timeline

6.6.2 Playback

Function	Detail	Remark
Toolbar on window	Make tag	
	Snapshot	
	Make record to save on PC	
Video control	Scroll the mouse wheel zoom in and out	

Right click function on screen	Support close the video of current window or video of all windows	
	Make record to save on PC	
	Snapshot	
	Continuous snapshot (config the number in the local config)	
	Adjust picture: brightness, contrast, Saturation, Hue	
	Video enhance: defog, denoising, discoloration, enhance night video.	
	Decode playback to video wall	
	Fisheye dewarping	
	Enter/exit full-screen	
	Switch to preview module	
bottom toolbar	Support 1、4、6、8、9、13、16、20、25、36 split mode.	
	Customize split (up to 9)	
	Display mode: original, full screen	
	Enter Full-screen	
	Sync playback	
	Play backward (only support center record)	
	Single frame play (only can play forward)	
	Stop, Pause record	
	Fast or slow play(1/16, 1/8, 1/4, 1/2, 1, 2, 4, 8, 16)	
	Cut the record to save to PC	
	Lock the record	
	Download(switch to download module)	
Timeline	Classify the video by color Green: Schedule record Red: alarm record Yellow: motion detect, video loss, tampering	
	Drag the timeline to adjust the record time	
	Show play progress on timeline	
	If you make a tag or lock the record, it will show on timeline	
	Support for second-scale display	
	Supports mouse wheel zoom in and out	
Lock and tag toolbar	Display tag or lock information	
	Search tag or lock information	
	Delete tag or lock information	
	Double click to locate the record.	

6.7 Download center

You can download the video stored on the center storage or local device to your PC.

Function	Detail	Remark
Download by timeline	Video shows on timeline, but we can't zoom in and out the timeline.	
	You can cut the video from the timeline to download, meanwhile you can modify the time after cutting.	
	You can cut more than more channel to download the video. By this way, the download video time is same.	
	Save format: dav, avi.	
Video files	Show the search results by file list. File information contain channel name, start time, end time, video type, size.	
	Filter the video by channel.	
	Batch download.	
Tag files	Show the tag files	
	Displays the tag file list for the query channel within the query time range	
	Filter the video by channel.	
	You can download the video near the tag(1-15min,set by yourself)	
	You can download multichannel, but start time and end time for the tag is same.	
Downloading	Display the name, progress, size status of the download file.	
	Pause, delete the download file	
	Download status: downloading, waiting, pause.	
	One-key to stop all download task.	
Downloaded	Display name, path, size of the downloaded file	
	Quickly open the video save folder	

6.8 Map

You can use the map which you configured in the web manager.

Function	Detail	Remark
Map homepage	Raster map(only show the main map on the page), Google map (online or offline)	
Resources and toolbar	Search the device on device tree.	
	Double click the device on device tree to locate the device position on the map	

	Support visible range (Device support)	
	Support Initial angle setting(Device support)	
	Support multiple choice for device (select one by one, select by region)	
	Othere function: Distance measurement(only GIS), Measurement area(Only GIS),Make mark, Reset(Reset the map to defaut size)	
Map and device on map	Map zoom	
	Hawkeye function	
	Device will flash on the map when alarm of this device is occuring.	
	Click the device to get the channel detial information	
	You can view real time video on map, meanwhile support PTZ control.	
	Search the video of channel.	

6.9 Event center

You can get the alarm information and handle those alarm.

Function	Detail	Remark
Alarm	Three level: low, medium, high(yellow, orange, red)	
	2 tab: processing, processed.	
	Double cilck to see the detial of the process information	
	Display information: alarm time, alarm type, alarm source, alarm level, acknowledge user	
	User can acknowledge the alarm, if this alarm has been acknowledged, it can't handle by other user.	
	Search by type, alarm source, time	
	Double cilck to see the detial of alarm information.	
	Handle type: Fixed, Ignore, Forward this alarm to other user.	
	Send e-mail	
	Close this type information of this channel for 15mins	
	Close the alarm sound.	
	Arm and disarm	
Export the alarm information		

6.10 Video wall

Drag channel to the screen, decode the channel to video wall

Function	Detail	Remark
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Task and video wall function	Add, edit, delete task in different video wall.	
	Divide the screen;	
	Divide the dived screen(base on the ability)	
	Paste (change the window size based on the space), maximize/restore the screen and close the screen, those functions base on decoder's ability.	
	Drag device or channel to screen to bind. If the device has more than one channel, it will bind to the screen, then loop the channel video.	
	Drag more than one channel to the screen, it will loop the channel video, we can disable to loop.	
	Bind multichannel in one screen. Tour the multichannel, set the stay time.	
	Delete channel, move the position of the channel bind to the screen in channel list.	
	You can get the detail of binding information.	
	Set the stream type(one channel or all channels)	
	Preview the channel video (on the detail or Right mouse button function of this channel), the video will display on the bottom right corner of the page.	
	Clear the layout and binding resources.	
	Automatically decode to wall, manually decode to wall;	
	Lock the screen.	
	Add box(to emphasize the screen, add a box to make it different)	
	Close the screen(this screen is the real installed screen)	
	Support Hawkeye function(zoom in the video wall layout, you can use thumbnail on the bottom right to locate the video wall)	
Get a picture of camera to show on the computer screen.		
Video wall plan	Schedule plan: Set the running task on timeline.	
	Tour plan: Loop different task, you can set loop time (1-1440min per task).	
	Run or stop the video wall plan	

7 NKB Control

Use NKB to control DSS.

Function	Detail	Remark
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NKB Mode	NKB1000	
Connect mode	Connect NKB to PC installed DSS client trough USB.This method treat the NKB as keyboard.	
NKB function on preview	Enter/exit the full screen mode through FN key	
	Change the number of window.	
	Open the video in the specified window	
	Support switching input video sources	
	Support switching stream types	
PTZ control	Control the direction of speed dome through the rocker	
	Set the step through Number key	
	Adjust the focu, aperture, zoom through button	
	Call the preset point throug Num+button	
	Excute Scan, cruise, patrol, rotation, PTZ menu	
Video Wall	Select Video Wall and task	
	Set the Screen or window split	
	Clear layout	
	Decode video channel to the specified window	
	Support switching window	
	Support switching input video sources	
	Support switching stream types	
	Stop decode to wall	
Shortcut	You can configure the shortchuts of NKB on the local config of DSS control client.	