Speed Dome Web3.0 Operation Manual

Version 4.3.0

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- The following functions are for reference only. Some series products may not support all the functions listed below.
- Usually we recommend IE 7 or higher version. For those versions below IE 7, it may not support the operation of some functions.

1 Network Connection

1.1 Preparation

This series speed dome product supports the Web access and management via PC.

Web includes several modules: monitor channel preview, PTZ control, system configuration, alarm and etc.

Please follow the steps listed below for network connection.

- Make sure the speed dome has connected to the network properly.
- Speed dome IP address and PC IP address shall be in the same network segment. If there is router, please set the corresponding gateway and subnet mask.
- Use order ping ***.***.***(* speed dome address) to check connection is OK or not.

1.2 Log in

Open IE and input speed dome address in the address bar.

For example, if your device IP is 192.168.1.108, then please input http:// 192.168.1.108 in IE address bar. See Figure 1-1.

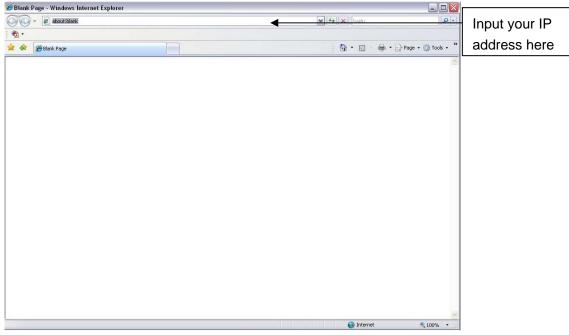


Figure 1-1

The login interface is shown as below. See Figure 1-2.

Please input your user name and password.

Default factory name is **admin** and password is **admin**.

Note: For security reasons, please modify your password after you first login.

IP PTZ D	ome	
Username: Password:	admin]
	Login Cancel]

Figure 1-2

If it is your first time to login in, system pops up warning information to ask you whether install control webrec.cab or not. Please click OK button, system can automatically install the control. When system is upgrading, it can overwrite the previous Web too.

If you can't download the ActiveX file, please check whether you have installed the plug-in to disable the control download. Or you can lower the IE security level. See Figure 1-3.

Internet Options	Security Settings - Internet Zone
General Security Privacy Content Connections Programs Advanced	Settings O Disable
Select a zone to view or change security settings.	 Enable Download signed ActiveX controls (not secure) Disable Enable (not secure) Prompt (recommended) Download unsigned ActiveX controls (not secure) Disable (recommended) Enable (not secure) Prompt
Security level for this zone Allowed levels for this zone: Medium to High 	Initialize and script ActiveX controls not marked as safe for s Disable (recommended) Enable (not secure) Prompt Run ActiveX controls and plug-ins deministrator approved *Takes effect after you restart Internet Explorer
Custom level Default level Reset all zones to default level OK Cancel	Reset custom settings Reset to: Medium-high (default) OK Cancel

Figure 1-3

1.3 Live Interface

After you logged in, you can see the live monitor window. Now you can operate the speed dome via the WEB. See Figure 1-4.

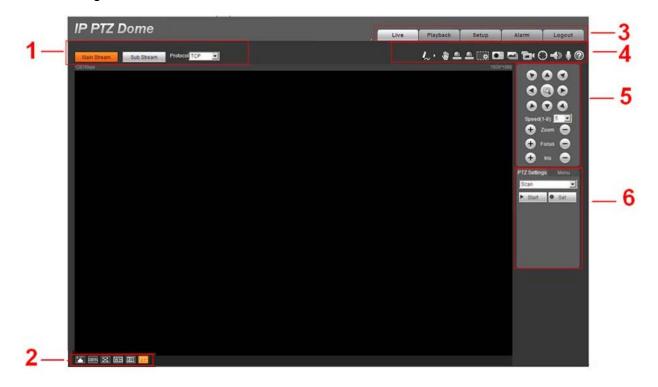


Figure 1-4

There are six sections:

- Section 1: Encode setup bar
- Section 2: Window adjust bar
- Section 3: System menu bar
- Section 4: Window function option bar
- Section 5: PTZ control
- Section 6: PTZ function

1.4 Encode Setup

The encode setup interface is shown as in Figure 1-5.



Figure 1-5

Parameter	Function
Main stream	In normal network width environment, main stream can record audio/video file and realize network monitor.
Sub (Extra) stream	If network width is not sufficient, you can use sub stream to realize network monitor. It is to reduce network bandwidth usage.
Protocol	You can select video monitor protocol from the dropdown list. There are three options: TCP/UDP/Multicast.

1.5 Video Window Setup

The interface is shown as in Figure 1-6.

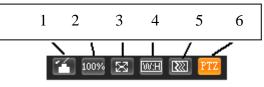
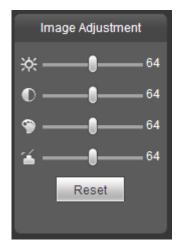


Figure 1-6

Please refer to the following sheet for detailed information.

SN	Parameter	Function
1	Image control	Click it to open picture setup interface. See Figure 1-7. This interface is on the top right pane.
2	Original size	Click this button to go to original size. It is to display the actual size of the video. It depends on the resolution of the video.
3	Full screen	Click it to go to full-screen mode. Double click the mouse or click the Esc button to exit the full screen.
4	Width and height ratio	Click it to restore original ratio or suitable window.
5	Fluency setup	There are three types: real-time/normal/fluency.
6	Open/close PTZ interface	Left click it to display or hide the PTZ control interface.

The picture setup interface is shown as in Figure 1-7.





Please refer to the following sheet for detailed information.

Parameter		Function		
Video setup	¥	Brightness setup icon. It is to adjust monitor video brightness.	Note: • All the operations here	
	lacksquare	Contrast setup icon. It is to adjust monitor video contrast ness.	 apply to WEB end only. Please go to Setup- 	
	۹	Saturation setup icon. It is to adjust monitor video saturation.	>Camera->Conditions to adjust brightness, contrast, hue and	
	*	Hue setup icon. It is to adjust monitor video hue.	saturation setup.	
	Reset	Restore brightness, contrastness saturation and hue to system default setup.		

1.6 System Menu

System menu is shown as in Figure 1-8.

Please refer to chapter 1.3 Live, chapter 2 Playback, chapter 3 Setup, chapter 4Alarm, chapter 5 Log out for detailed information.



Figure 1-8

1.7 Video Window Function Option

The interface is shown as below. See Figure 1-9.



Figure 1-9

SN	Parameter	Function
1	Remark	Click it and then select pen color, you can write down the mark information on the preview interface.
2	Gesture control	On the preview interface you can left click mouse to control the PTZ and use the middle button to zoom in/zoom out.
3	Alarm output	Click it to generate an alarm output and the button becomes red. Click it again to stop alarm output. There are two alarm output icons since this series product supports two relay output. Please note the alarm output interface may vary due to different series products.
4	Digital zoom	When video is in original status, click this button you can select any zone to zoom in. After zoom in ,you can drag the zoom in area in the specified area. Right click mouse system restores original status. You can use the wheel to zoom out the video.
5	Snapshot	You can snapshoot important video.
		You can go to Setup->Camera->Video->Path to modify the local record save path.
6	Triple snap	Click it, system can snap at 1f/s for three times. All images are memorized in system storage folder.
7	Record	When you click local record button, the system begins recording.
		You can go to Setup->Camera->Video->Path to modify the local record save path.
8	Manual Track	Click it and then left click the mouse and drag the mouse in the video window to select any zone, you can enable the speed dome to auto track the object in the specified area. Please note, you need to go to the Setup->IVS setup->Global setup interface to enable IVS auto track function. Otherwise, this function is null.
9	Audio output	Turn on or off audio when you are monitoring. You can go to Setup->Camera->Audio to set.

10	Bidirectional talk	Click it to begin audio talk. You can go to Setup->Camera- >Audio to set bidirectional talk mode.
11	Help	Click it to open help file.

1.8 PTZ Control

Before PTZ operation, please make sure you have properly set PTZ protocol. (Please go to Setup->System->PTZ to set.).

Here you can view direction keys, speed, zoom, focus, iris button. See Figure 1-10.

- PTZ direction: PTZ supports eight directions: left/right/up/down/upper left/upper right/bottom left/bottom right/ fast positioning.
- Speed: The step 8 speed is faster than step 1.



Figure 1-10

1.9 PTZ Setup/Menu

The PTZ setup/Menu interface is shown as in Figure 1-11.





Click PTZ set button, the interface is shown as in Figure 1-12. Here you can select scan, preset, tour pattern, assistant function and etc.

PTZ Settings	Menu
Pattern	-
Scan	
Preset	
Tour	
Pattern	
Assistant	
Light Wiper	
Goto	
Pan	
	12



Please refer to the following sheet for PTZ setup information.

Parameter	Function
Scan	 Select Scan from the dropdown list, click Set button and then control the PTZ to set the scan left limit and right limit. Start button, you can begin scan operation. Default SN is 1.

Parameter	Function
Preset	 Select Preset from the dropdown list, input the preset value and then click Add button, now system save current position as one preset. Click View button, the camera turns to the corresponding position of the preset.
Tour	 Select Tour from the dropdown list and then input tour value. Click Add or Delete button to add/remove one preset from the tour. Click Start button, you can begin tour.
Pattern	 You can select Pattern from the dropdown list and then click Add button, now you can operate PTZ to realize zoom, focus, iris, direction operation and etc. Click Stop button to stop memory pattern process. Click Start button to begin PTZ movement.
Assistant	 Input assistant value and click AUX on button to enable corresponding assistant value. Click AUX off button to disable assistant function.
Goto	 It is the accurate positioning function. Please input corresponding horizontal angle, tilt angle, and speed dome zoom speed and then click Goto button to go to a specified position. One unit of the horizontal angle or tile angle stands for 0.1 degree.
Pan	Select Pan from the dropdown list and then click Start button, you can turn the PTZ realize 360 degrees movement. Click Stop button to stop current operation.

2 Playback

2.1 Playback Interface

The playback interface is shown as in Figure 2-1.

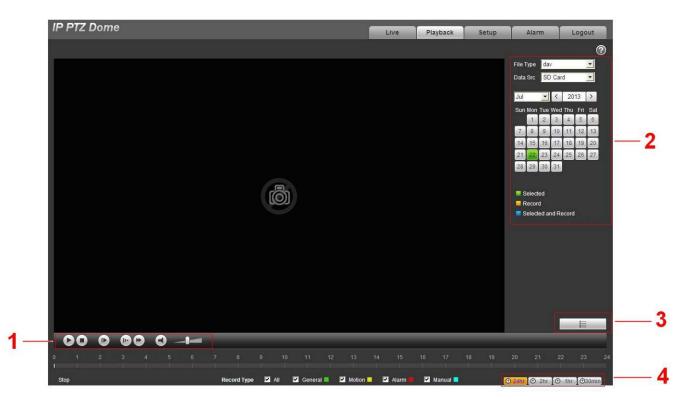


Figure 2-1

You can refer to the following sheet for detailed information.

SN	Name
1	Playback control button
2	Date
3	File list
4	Time process format

2.2 Playback Control Button

Playback control button is shown as below. See Figure 2-2.

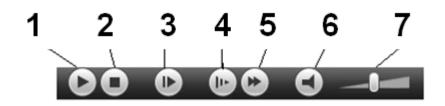


Figure 2-2

You can refer to the following sheet for detailed information.

SN	Name	Function
1	Play	To start or resume playback.
2	Stop	Stop current playback.
3	Frame by frame	Play next frame.
		Please pause playback first if you want to use
		frame by frame playback function.
4	Slow play	Slow playback.
5	Fast play	Fast playback.
6	Mute	Click it to mute. Click it again to restore audio
		function.
7	Volume	Set record volume level.

2.3 Date

The colors here have different meanings.

- Green: Current selected data.
- Yellow: Current date has record file.
- Blue: Current data has record file and it has been selected.

You can check the corresponding file record here to view the file record you are interested.

2.4 File List

Click

, you can go to file list interface. See Figure 2-3. Double click a record file to begin

playback, at the same time, you can view file size, file start time and file end time.

The different colors here has different meansings.

• Green: Normal record.

- Yellow: Motion detect record.
- Red: Alarm record.
- Blue: Manual record.

00 :	00:00 - 2	23 : 59 :	59 Q
Downl	_oad Format	💿 đav	💮 mp4
	Start Time	Record T	уре
1	13:33:57		+
	13:40:55		+
	13:41:17		+
	13:41:55		+
	13:42:15		÷
	13:43:01		+
7	13:43:22		+
H4-	(1/1 ► ►1	Go To	
-			
	Time:		
End T			
File S	ize:		
			÷

Figure 2-3

You can refer to the following sheet for detailed information.

Icon	Name	Function
0	Search	It is to search record from the start time of you selected date to the previous 24 hours.
+	Stop	Click it to download selected file(s) to local PC.
~	Back	Click it to go back to calendar interface to select date again.

2.5 Process bar format

Icon	Function
⊕ 24hr	Process bar is in 24H mode.
⊕ 2hr	It is to display the record files of previous two hours.
⊕ 1hr	It is to display the record files of previous one hour.
(⊕30min	It is to display the record files of previous 30 minutes.

3 Setup

3.1 Camera

3.1.1 Video

3.1.1.1 Video bit stream

The video bit stream interface is shown as below. See Figure 3-1.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
Camera	Video	Snapshot	Overla	ay Path	_				?
 Audio IVS Setup Network Event Storage System Information 	Main Stream Code-Stream Type Encode Mode Resolution Frame rate(FPS) Bit Rate Type Reference Bit Rate Bit Rate I Frame Interval Watermark Settings Watermark Character	General H 264 1080P (1920*1080) 25 CBR 1024-8192Kb/S 4096 50 DigitalCCTV Default	▼ ▼ ▼ (25~150) Refresh	Sub Stream Code-Stream Type Encode Mode Resolution Frame rate(FPS) Bit Rate Type Reference Bit Rate Bit Rate I Frame Interval Save	General H.264 CIF (352*240) 15 CBR 28-512Kb/S 384 30	▼ ▼ ▼ ↓ (15~150)			

Figure 3-1

Parameter		Function				
Main stream	Bit stream type	It includes general stream, motion stream and alarm stream. You can select different encode frame rates for different recorded events. The frame rates of the motion detect and alarm is customized.				
	Encode mode	There are four options: H.264, H.264H, and MJPEG encode mode.				
		• H.264 : Main Profile encode mode.				
		 H.264H: High Profile encode mode. MJPEG: In this encode mode, the video needs general large bit stream to guarantee the video definition. You can use the max bit stream value in the recommend bit to get the better video output effect. 				

Parame	ter	Function				
	Resolution	There are multiple resolutions. You can select from the dropdown list. For each resolution, the recommended bit stream value is different.				
	Frame Rate (FPS)	PAL: 1~25f/s, NTSC: 1~30f/s.				
	Bit Rate Type	There are two options: VBR and CBR. Please note, you can set video quality in VBR mode. In MJPEG mode, the bit stream control mode can only be CBR.				
	Recommended Bit	Recommended bit rate value according to the resolution and frame rate you have set.				
	Bit Rate	• In CBR, the bit rate here is the average value. Usually it goes up and down between 10%.				
		 It is the max value in VBR mode. When the scene is not complicated, the bit value may be lower than you set. 				
	I Frame	Here you can set the P frame amount between two I frames. The value ranges from 1 to 150. Default value is 50.				
		Recommended value is frame rate *2.				
		Important				
		I frame interval setup is null if it is the MJPEG encode mode.				
	Watermark	This function allows you to verify the video is tampered or not. The max length is 128-digit. The character can only include number, character, underline and hyphen.				
Sub stream	Enable	Please check the box here to enable extra stream function. This function is enabled by default.				
	Bit stream type	General bit stream.				
	Encode mode	There are four options: H.264, H.264H, and MJPEG encode mode.				
		• H.264 : Main Profile encode mode.				
		• H.264H: High Profile encode mode.				
		 MJPEG: In this encode mode, the video needs general large bit stream to guarantee the video definition. You can use the max bit stream value in the recommend bit to get the better video output effect. 				

Parame	ter	Function
	Resolution	There are multiple resolutions. You can select from the dropdown list.
		For each resolution, the recommended bit stream value is different.
	Frame Rate (FPS)	PAL: 1~25f/s, NTSC: 1~30f/s.
	Bit Rate Type	There are two options: VBR and CBR. Please note, you can set video quality in VBR mode.
	Recommended Bit	Recommended bit rate value according to the resolution and frame rate you have set.
	Bit Rate	• In CBR, the bit rate here is the average value. Usually it goes up and down between 10%.
		 It is the max value in VBR mode. When the scene is not complicated, the bit value may be lower than you set.
	I Frame	Here you can set the P frame amount between two I frames. The value ranges from 1 to 150. Default value is 50.
		Recommended value is frame rate *2.
		Important
		I frame interval setup is null if it is the MJPEG encode mode.

3.1.1.2 Snapshot

The snapshot interface is shown as in Figure 3-2.

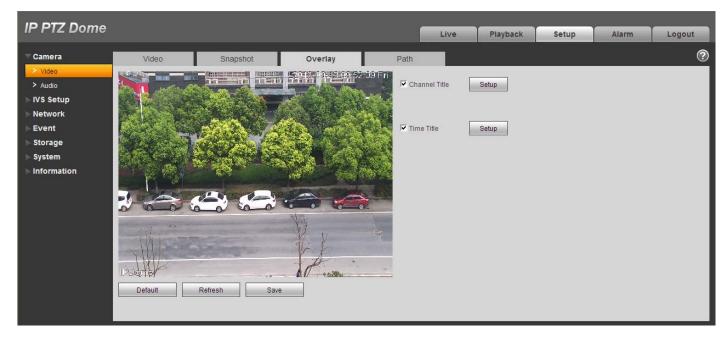
IP PTZ Dome									
					Live	Playback	Setup	Alarm	Logout
Camera	Video	Snapshot	Overlay	Path					?
> Video > Audio	Snapshot Type	General	•						
⊳ IVS Setup	Image Size	1080P (1920*1080)							
▶ Network	Quality	5	-						
⊳ Event	Interval	1 S	•						
⊳ Storage		Default	Refresh S	ave					
⊳ System									
▶ Information									

Figure 3-2

Parameter	Function
Snapshot type	 There are two modes: general (schedule) and Event (activation). General (schedule) snapshot is to snap in the specified period. Event (Activation) snapshot Is to snap when the motion detect, camera masking, local alarm event occurrence. If you want to use this function, please make sure: The event occurred during the specified period. Motion detect, video masking, local alarm and corresponding snap function are all enable.
Image size	It has relationship with the resolution of the main stream.
Quality	It is to set the image quality. There are six levels.
Interval	It is to set snapshot frequency. The value ranges from 1s to 7s.

3.1.1.3 Video Overlay

The video overlay interface is shown as in Figure 3-3.





Parameter	Function
Time Title	 You can enable this function so that system overlays time information in video window.
	• There is no time title if you do not enable this function here.
	 Click Setup button, you can set time title display region. You can use the mouse to drag the time tile position.
Channel Title	• You can enable this function so that system overlays channel information in video window.
	 There is no channel title if you do not enable this function here.
	 Click Setup button, you can set channel title display region. You can use the mouse to drag the channel tile position.

3.1.1.4 Path

The storage path interface is shown as in Figure 3-4.

Here you can set snap image saved path (in the preview interface) and the record storage path

in the preview interface). The snap picture default setup is C:\PictureDownload and record file

default setup is C:\RecordDownload.

Please click the Save button to save current setup.

P PTZ Dom				Live	Playback	Setup	Alarm	Logout
Camera	Video	Snapshot	Overlay	Path				
> Video	Snapshot Path	C:\PictureDownload		Browse				
> Audio	Shapshot Path	C:\PictureDownload		Blowse				
VS Setup	Record Path	C:\RecordDownload		Browse				
Network								
Event		Default	Save					
Storage								
System								
nformation								

Figure 3-4

3.1.2 Audio

The audio interface is shown as below. See Figure 3-5.

Important

Please make sure you have enabled the video function, otherwise you can not enable the audio function.

IP PTZ Dome				-				
				Live	Playback	Setup	Alarm	Logout
🔻 Camera	Audio							0
> Video								
> Audio	Main Stream		Sub Stream					
▶ IVS Setup	F Enable		Enable					
▶ Network	Encode Mode	G.711A 💌	Encode Mode	G.711A	•			
⊳ Event				1				
Storage		Default Refres	h Save					
> System		Delaut	Jave					
► Information								

Figure 3-5

Please refer to the following sheet for detailed information.

Parameter	Function
Audio enable	• Main stream: Recorded file only contains video by default. You need to check the audio box here to enable audio function so that the main stream the network transmitted is audio/video composite stream.
	 Sub (Extra) stream: Recorded file only contains video by default. You need to check the audio box here to enable audio function so that the extra stream the network transmitted is audio/video composite stream.
Encode mode	The encode mode of the main stream and extra stream include PCM, G.711A and G.711Mu.
	The setup here is for audio encode mode and the bidirectional talk encode both.

3.2 IVS Setup

3.2.1 Global Setup

The global setup interface is shown as in Figure 3-6.

IP PTZ Dome				Live	Playback	Setup	Alarm	Logout
Camera Global Setup IVS Setup IVS Setup IVS IVS Exup Vetwork Vetwork Event Apply Scence Storage Scene Type System Dejitter Rate Dejitter Enable	Scene Setup	Rule Setup	Parameter					0

Figure 3-6

Please refer to the following sheet for detailed information.

Parameter	Function							
IVS enable	Check the box here to enable IVS function.							
	It includes: panorama, single scene and multiple-scene.							
	 Panorama: Realize the intelligent analytics of current monitor video after you enabled the preview function. 							
Scene type	Single scene: Realize the intelligent analytics of one scene.							
	• Multiple-scene: It is to realize the intelligent analytics of several scenes and the scenes support tour function.							
Appply scene	The default setup is normal.							
Alarm track enable	Check the box here to enable this function. System can begin auto track function once a rule is activated. The alarm track function is null if you do not check the box here. It does not affect other alarm output when this function is null.							
De-jitter	Here you can set device de-jitter rate.							
De-jitter enable	Check the box here to enable de-jitter module.							

3.2.2 Scene Setup

The scene setup is shown as in Figure 3-7.

IP PTZ Dome						Live	Playbac	k	Setup	Alarm	Logout
> Camera	Global Setup	Scene Setup	Rule Setup		Parameter					-11	?
VS Setup		2013-09-	-09 13:34:01 Mon		Scene	Single					
Network	Carlorado - En el	Concernance and the second	A CONSIGNATION OF A C	NO.	Scene Name Scene 1	Track Time(s)	Limit Track	Delete			
⊳ Event				2	Scene 1 Scene2	30	-	-			
▶ Storage		Contraction and the	X1/	3	Scene3	30		•			
> System	and the second s		Y.Vi								
▶ Information	Pitome		X	Add Sc	ene Sc	cene Setup	Preview Scen	e			
		0		Scene Tra	ck Setup and Ge	et		_			
		Set Track F	Rate	Up Line	Setup	live Down Li	ne Setup	Live			
	Spe Spe	ed 5 💌		Left Line	Setup L	ive. Right Lin	ie Setup	Live			
	Refresh	Save									

Figure 3-7

Parameter	Function
Add scene	Click it to add a scene.

Parameter	Function
Scene setup	Click it to set current monitor video as the corresponding scene and get a number.
Preview scene	Click it to preview the selected scene.
Limit Track	Check the box here, you can set up/down/left/right limit at the bottom of the interface.
Zoom	Click 🛨 to zoom in and click 😑 to zoom out.
PTZ	Click PTZ button to adjust scene position.
Speed	It is to set PTZ movement speed. The value ranges from 1 to 8.

3.2.2.1 Single Scene

In Figure 3-6, select the single scene from the scene type list, you can see the single scene interface is shown as in Figure 3-8.

Here you can select one item from the No. list to view one monitor scene.

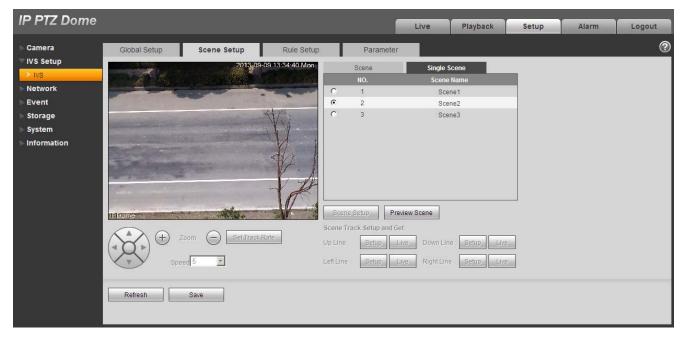


Figure 3-8

3.2.2.2 Multiple-scene track

In Figure 3-6, select the Multiple-scene from the scene type list, you can see the multiple-scene interface is shown as in Figure 3-9.



Figure 3-9

In Figure 3-9, click Add scene button you can set tour point during the scene tour process. Move the mouse to the Scene name list; you can select several scenes as a tour. Move the mouse to the Stay time, you can set stay time period.

3.2.3 Rule Setup

The rule setup interface is shown as in Figure 3-10.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
					LIVe	Раубаск	Setup	Alarm	
⊳ Camera	Global Setup	Scene Setup	Rule Setup	Paramet	er				0
▼ IVS Setup	A CONTRACTOR	2013-0	S 18 18 33 Thu S	elect Scene Scene2		Add Rule			
> IVS	San di San Char			nable SN	Rule Name	Rule Type	Draw Dele		
⊳ Event			States of		Scene2_1	Cross Warning Z			
> Storage	- War	-				Tripwire Cross Warning Zone			
⊳ System			0			Abandonded Object Loitering Detection			
▶ Information		and the second				Fast Moving			
		5 hat				Perimeter Protection Missing Object Dete			
	0	1 Hi	-			Illegal Parking	J		
	KV	112							
	1	1 Ch							
	Plone							<u>×</u>	
	Area and Property Setup	p		Alarm Activation	Setup	_		_	
	Parameter Setup Object Type Supported	Direction En	ter 💌	Rule Working Pe	riod Setup				
	Unknown	Max Target No. 5	ter 🔄	Record					
	Detect Action List	Min Target No. 1		Relay-out	1 2				
	D In Area E Thro	Min Last Time 5	(\$)	Send Email					
		Report Interval 0	(8)	Snapshot		Copy To ALL	Copy		
	Target Filter Dra		_						
	Min Size 0 • 0	Max Size 8191 * 81	91						
		-							
	Refresh	Save							

Figure 3-10

Parameter	Function									
Select scene.	You can select the scene from the dropdown list so that you can add the orresponding rule.									
Add rule	Click it to add a rule to the selected scene.									
Rule enable	Check the box here to enable the rule.									
Rule name	Move you mouse to the rule name column to set a name.									
Rule type	Move you mouse to the Rule type column to set the rule type. The option includes: Tripwire/Cross warning zone.									
Draw rule	Click button 🚟 to draw current rule.									
Delete rule	Click button to delete current rule.									

3.2.3.1 Tripwire

The tripwire interface is shown as in Figure 3-11.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
Camera	Global Setup	Scene Setup	Rule Setup	Paramete	er				?
VS Setup VS Network Event Storage System	T.		En	200 p. 20	Rule Name Scene1_1	Add Rule Rule Type Tripwire	Draw Delet		
▶ Information	Area and Property Setup			Alarm Activation	Setup			×	
	Parameter Setup Object Type Supported Unknown Target Filter Draw Min Size 0 * 0 Refresh		1	Rule Working Per	iod Setup	Copy To ALL	Сору		

Figure 3-11

Parameter Function			
Object type supported	You can select an object type here. The default setup is all types.		
Direction	It is to set tripwire direction. The option includes: A->B、B->A、A<->B.		

Parameter	Function
Target filter	Check the box here to enable this function and then click button , you can set the target filter model in this scene for this rule. Click the button clear, you can remove selected target filter model.

3.2.3.2 Cross Warning Zone

The cross warning zone interface is shown as in Figure 3-12.

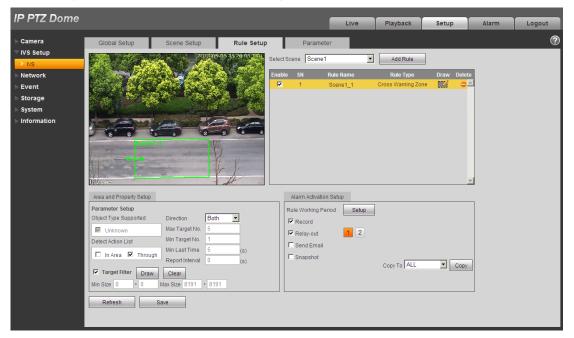


Figure 3-12

Parameter	Function					
Object type supported	You can select an object type here. The default setup is all types.					
Detect action list	 In area: When the tracking object is in the detect zone and the stay time is more than the time threshold you set here, system can activate an alarm. Through area: System can generate an alarm when the tracking object is crossing the limit you set here. 					
Direction	It is for the Through area option in the Detect action list item. It is to set the crost direction. The option includes: in/out/both (in&out)					

Parameter	Function				
Max target No.	It is for the In area option in the Detect action list item. It is to set the alarm activation amount in the zone. System will not generate an alarm when the object amount in the zone is more than the threshold you set here.				
Min target No.	is for the In area option in the Detect action list item. It is to set the alarm tivation amount in the zone. System will not generate an alarm when the object nount in the zone is less than the threshold you set here.				
Min last time	It is for the In area option in the Detect action list item. Here is to set the min time between the target in the zone and an alarm activation occurrence.				
Report interval	It is for the In area option in the Detect action list item. It is to set alarm period. System just alarms once if the value is 0 here.				
Target filter	Check the box here to enable this function and then click button Draw , you can set the target filter model in this scene. Click the button Clear , you can remove selected target filter model.				

3.2.3.3 Abandoned Object Detection

The abandoned object detection interface is shown as in Figure 3-13.

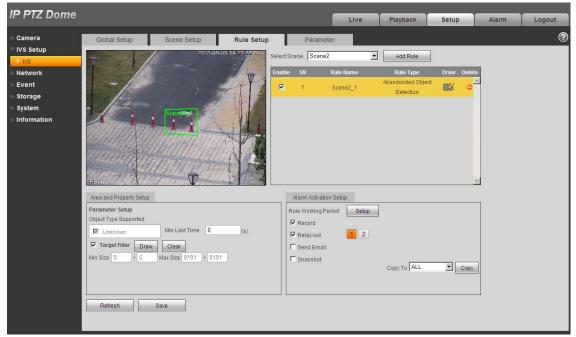


Figure 3-13

Parameter	Function
Object type supported	You can select an object type here. The default setup is all types.

Parameter	Function
Min last time	It is to set the min time between the abandoned object occurrence and alarm activation.
Target filter	Check the box here to enable this function and then click button , you can set the target filter model in this scene. Click the button Clear, you can remove selected target filter model.

3.2.3.4 Loitering Detection

The lointering detection interface is shown as in Figure 3-14.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
► Camera	Global Setup	Scene Setup	Rule Setup	Parameter					0
VS Setup > IVS	15000	2013-06	ROS 15 21 40 Thu Sele	ct Scene Scene2		Add Rule			
Network		CT I	Ena		e Name ene2_1	Rule Type Loitering Detection	Draw Delete		
Event Storage	A DYC	100							
System Information		1 2 36	-0						
► Information	Eteme	F							
	Area and Property Setup			Alarm Activation Se	tup				
	Parameter Setup Object Type Supported	Alarm Activation 0		Rule Working Period	Setup				
		No.(Person) Min Last Time 0 Report Interval 0	(S) (S)	Send Email		Copy To ALL	Сору		
	Min Size 0 * 0	Clear Max Size 8191 * 819	1						
	Refresh	Save							



Parameter	Function					
Object type supported	You can select an object type here. The default setup is all types.					
Alarm activation number (Person)	Here you can set the alarm activation threshold. The default setup is 1.					
Min last time	Here is to set the min time between the target in the zone and an alarm activation occurrence.					
Report interval	It is to set alarm period. System just alarms once if the value is 0 here.					

Parameter	Function
Target filter	Check the box here to enable this function and then click button , you can set the target filter model in this scene. Click the button Clear, you can remove selected target filter model.

3.2.3.5 Fastl Moving

The fast moving interface is shown as below. See Figure 3-15.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
Camera IVS Setup VS Network Event Storage System Information	Global Setup	Scene Setup	Rule Setup		▼ e Name ene1_1	Add Rule Rule Type Fast Moving	Draw Delete		0
	Area and Property Setup Parameter Setup Object Type Supported Unknown Target Filter Dra Min Size 0 + 0 Refresh	Detect Type Fast Sensitivity Low Min Last Time 0 Activation Speed 0	(s) km/h	Alarm Activation See Rule Working Period I Record I Relay-out I Send Email I Snapshot		Copy To ALL	T Copy		

Figure 3-15

Parameter	Function					
Object type supported	You can select an object type here. The default setup is all types.					
Detect type	to set detection type. The default setup is "Fast move". The rule is to detect the moving object in the warning zone.					
Sensitivity	Here you can set the alarm activation sensitivity.					
Min last time	It is to set the min time between the object continuous movement and alarm activation.					
Activation speed	It is to set the min speed here when an object can activate an alarm.					

Parameter	Function
Target filter	Check the box here to enable this function and then click button , you can set the target filter model in this scene. Click the button clear, you can remove selected target filter model.

3.2.3.6 Perimeter Protection

The permiter protection interface is shown as in Figure 3-16.

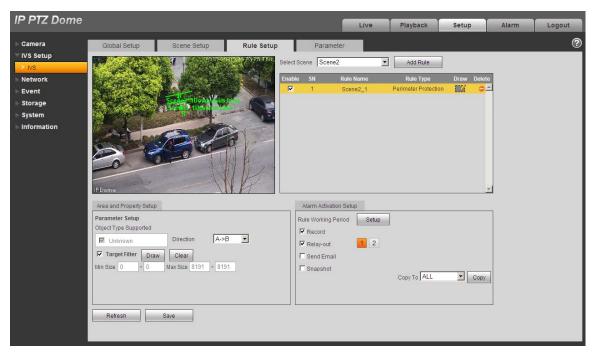


Figure 3-16

Please refer to the following sheet for detailed informaiton.

Parameter	Function				
Object type supported	e You can select an object type here. The default setup is all types.				
Direction	It is to set cross perimeter direction. The option includes: A->B、B->A、A<->B.				
Target filter	Check the box here to enable this function and then click button Draw , you can set the target filter model in this scene. Click the button Clear , you can remove selected target filter model.				

3.2.3.7 Missing Object Detection

The missing object detection interface is shown as below. See Figure 3-17.

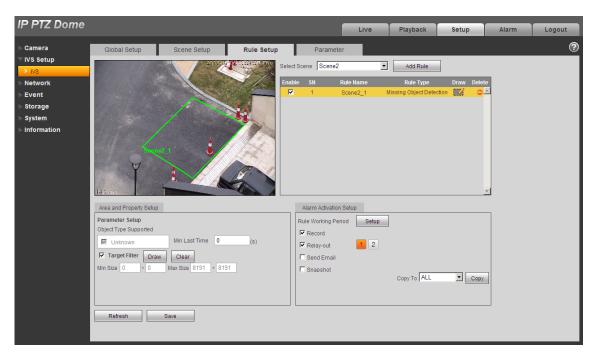


Figure 3-17

Please refer to the following sheet for detailed informaiton.

Parameter	Function				
Object type supported	You can select an object type here. The default setup is all types.				
Min last time	It is to set the min time between the missing object occurrence and alarm activation.				
Target filter	Check the box here to enable this function and then click button , you can set the target filter model in this scene. Click the button Clear, you can remove selected target filter model.				

3.2.3.8 Illegal Parking

The illegal parking interface is shown as in Figure 3-18.

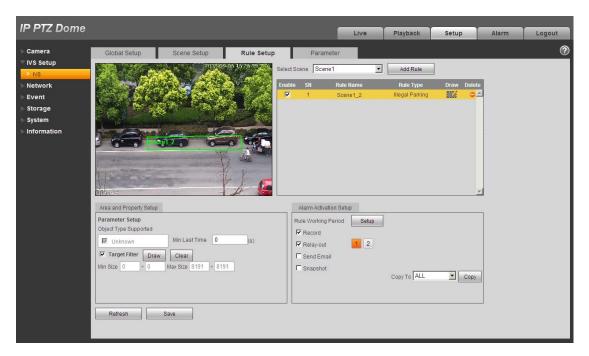


Figure 3-18

Please refer to the following sheet for detailed informaiton.

Parameter	Function				
Object type supported	You can select an object type here. The default setup is all types.				
Min last time	It is to set the min time between the illegal parking occurrence and alarm activation.				
Target filter	Check the box here to enable this function and then click button , you can set the target filter model in this scene. Click the button Clear, you can remove selected target filter model.				

3.2.3.9 Alarm Activation Setup

Alarm activation setup is shown as in Figure 3-19.

Alarm Activation Setup			
Rule Working Period	Setup		
Record			
Relay-out	2		
🗖 Send Email			
C Snapshot			
	Co	py To ALL	Сору

Figure 3-19

Please refer to the following sheet for detailed informaiton.

Parameter	Function				
Rule Working period	Here you can set rule arm and disarm period. Please click the Setup button to set.				
Record	Check the box here so that the device can record when alarm activation occurred.				
Relay output	Check the box here so that the device can output an alarm when alarm activation occurred.				
 Check the box here so that the device can send out an email when activation occurred. Please note current function is null when the device is offline, or IP o occurred. 					
Snapshot	Check the box here so that the device can snapshot when alarm activation occurred.				
Сору	Select a rule name from the dropdown list and then click button; you can copy the alarm activation setup of current rule to the selected rule.				

3.2.4 Parameter

The parameter interface is shown as in Figure 3-20.

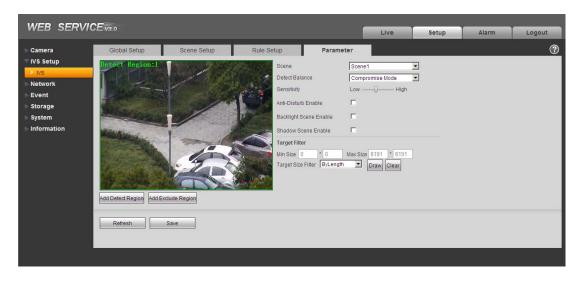


Figure 3-20

Parameter	Function			
Scene	Please select a scene from the dropdown list you want to set.			
Detect balance	There are three modes: compromise mode, omission detect less and error detect less.			
Sensitivity	The level ranges from 1 to 10. The default setup is 5. The higher the sensitivity is, the easier for the device to detect the low contrast object and small object. At the same time, the error detect may become more.			
Anti- disturbance mode	It is to control the random disturbance in the scene.			
Backlight scene enable	Check the box here so that the device can have higher recognition capability in the backlight scene.			
Shadow scene enable	Check the box here so that the device can have higher recognition capability in the shadow scene.			
Target filter Click button Draw , you can set the target filter model in this scene. button Clear , you can remove selected target filter model.				
Add detect region	Click button Add Detect Region, you can draw a detection zone.			
Add exclued region	Click button Add Exclude, you can draw the privacy mask (shield) zone.			

3.3 Network

3.3.1 TCP/IP

The TCP/IP interface is shown as in Figure 3-21.

IP PTZ Dome								
				Live	Playback	Setup	Alarm	Logout
⊳ Camera ⊳ IVS Setup	TCP/IP							?
Vetwork	Host Name	IPDome						
> тсрлр	Ethernet Card	Wire(DEFAULT)						
Connection	Mode	• Static C DHCP						
> PPPoE	MAC Address	90 . 02 . a9 . 16 .	f9 . 96					
> DDNS	IP Version	IPv4						
> IP Filter	IP Address	10 . 64 . 5 . 61						
> SMTP(Email)	Subnet mask	255 . 255 . 0 . 0						
> UPnP	Default Gateway	10 . 64 . 0 . 1						
> SNMP	Preferred DNS Server	8.8.8.8						
> Bonjour	Alternate DNS Server	8.8.8.8						
> Multicast	Enable ARP/Ping to set	IP address service						
> IEEE802								
> Q0S		Default	fresh Save					
⊳ Event								
► Storage								
System								
► Information								

Figure 3-21

Parameter	Function			
Host Name	It is to set current host device name.			
Ethernet Card	Please select the Ethernet port if the device has several network cards.			
Mode	 There are two modes: static mode and the DHCP mode. The IP/subnet mask/gateway are null when you select the DHCP mode to auto search the IP. If you select the static mode, you need to set the IP/subnet mask/gateway manually. Besides, IP/subnet mask/gateway and DHCP are read-only when the PPPoE dial is OK. 			
Mac Address	It is to display host Mac address. It is read-only.			

IP Version	It is to select IP version. IPV4 or IPV6.				
	You can access the IP address of these two versions.				
	 Please note system needs to check the validity of all IPv6 addresses. The IP address and the default gatewa shall be in the same IP section. That is to say, the specified length of the subnet prefix shall have the sat string. When PPPoE function is enabled, the IP/subnet mask/default gateway is read-only. You can not set or restore default setup. 				
IP Address	Please use the keyboard to input the corresponding number to modify the IP address and then set the corresponding subnet mask and the default gateway.				
Default Gateway	It is the similar gateway of the IPv4. It shall not be left in blank.				
Preferred DNS	DNS IP address. It is the similar DNS of the IPv4. It shall not be left in blank.				
Alternate DNS	Alternate DNS IP address. It is the similar DNS of the IPv4. It shall not be left in blank.				
Enable ARP/Ping set	You can use ARP/Ping command to modify or set the device IP address if you know the device MAC address.				
device IP address service.	Before the operation, please make sure the speed dome and the PC in the same LAN. This function is on by default.				
	You can refer to the steps listed below.				
	Step 1 : Get an IP address. Set the speed dome and the PC in the same LAN.				
	Step 2 : Get the physical address from the label of the speed dome.				
	Step 3 : Go to the Run interface and then input the following commands.				
	arp -s <ip address=""> <mac> ping -l 480 -t <ip address=""> Such as: arp -s 192.168.0.125 11-40-8c-18-10-11 ping -l 480 -t 192.168.0.125</ip></mac></ip>				
	Step 4: Reboot the device.				
	Step 5 : You can see the setup is OK if you can see there are output information such as "Reply from 192.168.0.125" from the command output lines. Now you can close the command line.				
	Step 6 : Open the browse and then input http:// <ip addres="">. Click the Enter button, you can access now.</ip>				

3.3.2 Connection

The connection interface is shown as in Figure 3-22.

IP PTZ Dome									
IF FIZ Dome					Live	Playback	Setup	Alarm	Logout
Camera	Connection								?
► IVS Setup	connection								
Network	Max Connection	10	(1~20)						
> TCP/IP	TCP Port	37777	(1025~65534)						
> Connection	UDP Port	37778	(1025~65534)						
> PPPoE	HTTP Port	80							
> DDNS	RTSP Port	554							
> IP Filter	T HTTPs								
> SMTP(Email)	HTTPs Port	443							
> UPnP									
> SNMP		Default	Refresh	Save					
> Bonjour									
> Multicast									
> IEEE802									
> QoS									
⊳ Event									
> Storage									
> System									
► Information									

Figure 3-22

Parameter	Function
Max connection	It is the max Web connection for the same device. The value ranges from 1 to 20. The default setup is 10.
TCP port	The value ranges from 1025 to 65535. The default value is 37777. You can input the actual port number if necessary.
UDP port	The value ranges from 1025 to 65535. The default value is 37778. You can input the actual port number if necessary.
HTTP port	The value ranges from 1025 to 65535. The default value is 80. You can input the actual port number if necessary.

RTSP port • Usually, the default value is 554. You do not need to input again if you are using the default value. When you are using QuickTime (Apple browser) or VLC play real-time video, you can use the following format to play. The Blackberry also supports this function. • Real-time monitor bit stream Url format. Please specify the channel number, bit stream type in the Url if you are requesting real-time monitor bit stream Rtsp stream media service. You still need to provide user name or password if it has verification information. • When you are using Blackberry phone to access, the bit stream mode shall be H.264B, resolution is CIF and the audio shall be disabled. • The Url format is shown as below: rtsp://username:password@ip:port/cam/realmonitor?channel=1&subtype=0 You need to input the following items manually. Username/password/IP/port/subtype. The IP is device IP and the port default value is 554. You can leave it in blank if it is the default value. The channel number begins with 1. subtype: bit stream type, main stream is 0 (subtype=0) and extra stream is 1 (subtype=1). You do not need to input the user name and password if you do not need the verification. Such as: Main stream: rtsp://ip:port/cam/realmonitor?channel=1&subtype=0 HTTPS It is to enable HTTPs communication service control. If you enable this function, you can use https://ip:port to login the device. In data encryption protection mode, you can use https://ip to login if you are using the default port. HTTPS The HTTPs communication port value r		
HTTPS EnableIt is to enable HTTPs communication service control. If you enable this function, you can use https://ip:port to login the device. In data encryption protection mode, you can use https://ip to login if you are using the default port.HTTPSThe HTTPs communication port value ranges from 1025 to 65535.	RTSP port	 are using the default value. When you are using QuickTime (Apple browser) or VLC play real-time video, you can use the following format to play. The Blackberry also supports this function. Real-time monitor bit stream Url format. Please specify the channel number, bit stream type in the Url if you are requesting real-time monitor bit stream Rtsp stream media service. You still need to provide user name or password if it has verification information. When you are using Blackberry phone to access, the bit stream mode shall be H.264B, resolution is CIF and the audio shall be disabled. The Url format is shown as below: rtsp://username:password@ip:port/cam/realmonitor?channel=1&subtype=0 You need to input the following items manually. Username/password/IP/port/subtype. The IP is device IP and the port default value is 554. You can leave it in blank if it is the default value. The channel number begins with 1. subtype: bit stream type, main stream is 0 (subtype=0) and extra stream is 1 (subtype=1). You do not need to input the user name and password if you do not need
Enablefunction, you can use https://ip:port to login the device. In data encryption protection mode, you can use https://ip to login if you are using the default port.HTTPSThe HTTPs communication port value ranges from 1025 to 65535.		Main stream: rtsp://ip:port/cam/realmonitor?channel=1&subtype=0
	-	function, you can use https://ip:port to login the device. In data encryption protection mode, you can use https://ip to login if you are using the default
	-	The HTTPs communication port value ranges from 1025 to 65535.

Important

The value 0 to 1024 (excluding the default value of HTTP/RTSP/HTTPs), 1900, 3800, 5000, 5050, 9999, 37776, 37780-37880, 39999 and etc are the special ports value and they are not open for user to set.

3.3.3 PPPoE

The PPPoE interface is shown as in Figure 3-23.

Input the PPPoE user name and password you get from the IPS (internet service provider) and enable PPPoE function. Please save current setup and then reboot the device to get the setup activated.

Device connects to the internet via PPPoE after reboot. You can get the IP address in the WAN from the IP address column.

PPPoE is set to connect to the internet. You can get an account from your IPS (Internet service provider), you can set here to dial to the interface. You can see the registered IP address in the interface if your setup is right.

Please note, you need to go to the IP address item to view the device current device information. You can access the client-end via this address.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
► Camera ► IVS Setup ▼ Network	PPPoE	1		_					?
 TCP/IP Connection PPPoE 	Username Password	none Default	Refresh	Save					
> DDNS > IP Filter > SMTP(Email) > UPnP									
> SNMP > Bonjour > Multicast									
> IEEE802 > QoS > Event									
Storage System Information									

Figure 3-23

3.3.4 DDNS

The DDNS interface is shown as in Figure 3-24.

The DDNS is to set to connect the various servers so that you can access the system via the server. Please go to the corresponding service website to apply a domain name and then access the system via the domain. It works even your IP address has changes.

IP PTZ Dome									
					Live	Playback	Setup	Alarm	Logout
⊳ Camera	DDNS								?
► IVS Setup ■ Network > TCP/IP > Connection	Server Type Server Address Domain Name	CN99 DDNS www.3322.org none							
> PPPoE > DDNS > IP Filter	Username Password Update Period	none •••• 10	Minute(1~500)						
> SMTP(Email) > UPnP > SNMP		Default	Refresh	Save					
> Bonjour > Multicast > IEEE802									
> QoS Event Storage									
System									

Figure 3-24

Parameter	Function					
Server Type	You can select DDNS protocol from the dropdown list and then enable DDNS function.					
Server IP	DDNS server IP address					
Server Port	DDNS server port.					
Domain Name	Your self-defined domain name.					
User	The user name you input to log in the server.					
Password	The password you input to log in the server.					
Update period	Device IP and service connection refresh period.The default setup is 10 minutes.					

3.3.5 IP filter

The IP filter interface is shown as in Figure 3-25.

You can enable IP filter function so that some specified IP user can access the speed dome. You can add IP address or IP address section.

If you do not check the box here, it means there is on access limit.

IP PTZ Dome		Live Playback Setup	Alarm Logout
Camera IVS Setup Network	IP Filter		@
TCP/IP Connection PPPoE	Trusted Sites IP address /MAC address	Modify	Delete
> DDNS > IP Filter > SMTP(Email)			
> UPnP > SNMP > Bonjour			
 Multicast IEEE802 QoS 	Add IP/MAC		Remove All
EventStorage	Default Refresh Save		
 System Information 			

Figure 3-25

3.3.6 SMTP (e-mail)

The SMTP interface is shown as in Figure 3-26.

IP PTZ Dome				Live	Playback	Setup	Alarm	Logout
Camera	SMTP(Email)							?
VS Setup	Switt (Email)							Ŭ
✓ Network	SMTP Server	none						
> TCP/IP	Port	25						
> Connection	C Anonymity							
> PPPoE	Username	anonymity						
> DDNS	Password	••••						
> IP Filter	Sender	none						
> SMTP(Email)	Authentication	None	•					
> UPnP	Title	SD Message	Attachment					
> SNMP	Mail Receiver		(+)					
> Bonjour								
> Multicast								
> IEEE802								
> QoS	Interval	0 Second(C						
⊳ Event	F Health Mail	Update Period 60	Second(1~3600)					
▶ Storage		Email Test						
System		Default	Refresh Save					
Information		Donaun	Cave					

Figure 3-26

Parameter	Function
SMTP Server	Input server address and then enable this function.

Parameter	Function
Port	Default value is 25. You can modify it if necessary.
Anonymity	For the server supports the anonymity function. You can auto login anonymously. You do not need to input the user name, password and the sender information.
User Name	The user name of the sender email account.
Password	The password of sender email account.
Sender	Sender email address.
Authentication (Encryption mode)	You can select SSL or none.
Title (Subject)	Input email subject here.
Attachment	System can send out the email of the snapshot picture once you check the box here.
Mail receiver	Input receiver email address here. Max three addresses.
Interval	The send interval ranges from 0 to 3600 seconds. 0 means there is no interval. Please note system will not send out the email immediately when the alarm occurs. When the alarm, motion detection or the abnormity event activates the email, system sends out the email according to the interval you specified here. This function is very useful when there are too many emails activated by the abnormity events, which may result in heavy load for the email server.
Health mail enable	Please check the box here to enable this function.
Update period (interval)	This function allows the system to send out the test email to check the connection is OK or not. Please check the box to enable this function and then set the corresponding interval. System can send out the email regularly as you set here.
Email test	The system will automatically sent out an email once to test the connection is OK or not .Before the email test, please save the email setup information.

3.3.7 UPnP

It allows you to establish the mapping relationship between the LAN and the public network.

Here you can also add, modify or remove UPnP item. See Figure 3-27.

In the Windows OS, From Start->Control Panel->Add or remove programs. Click the "Add/Remove Windows Components" and then select the "Network Services" from the Windows Components Wizard.

Click the Details button and then check the "Internet Gateway Device Discovery and Control client" and "UPnP User Interface". Please click OK to begin installation.

Enable UPnP from the Web. If your UPnP is enabled in the Windows OS, the speed dome can auto detect it via the "My Network Places"

IP PTZ Dome				_	Live Playback	Setup	Alarm	Logout			
Camera IVS Setup Network		le Manual 💌 Ro	outer State Mapping	Failed				Ċ			
> тсрлр	Port Mapping List	Service Name	Protocol	Internal Port	External Port	Status	Modify	Delete			
 Connection PPPoE 	प प	WebService PrivService	TCP TCP	80 37777	8080 37777	Mapping Failed Mapping Failed	2				
> DDNS > IP Filter	प प	PrivService RTSPService	UDP TCP	37778 554	37778 554	Mapping Failed Mapping Failed	2	0			
 SMTP(Email) UPnP SNMP Bonjour 								~			
> Multicast > IEEE802 > QoS	Add Mapping Refresh Save										
Event Storage											
 System Information 											

Figure 3-27

3.3.8 SNMP

The SNMP interface is shown as in Figure 3-28.

The SNMP allows the communication between the network management work station software and the proxy of the managed device. Please install the software such as MG MibBrowser 8.0c software or establish the SNMP service before you use this function. You need to reboot the device to activate the new setup.

IP PTZ Dome								
IF FIZ Dome				Live	Playback	Setup	Alarm	Logout
▶ Camera	SNMP							?
Camera VS Setup Network TCP/IP Connection PPPoE DDNS IP Filter SMTP(Email) UPAP SNIMP Bonjour	SNMP SNMP Port Read Community Write Community Trap Address Trap Port Keep Alive SNMP Version	161 public private 162 ISNMP v1 「SNM Default	(1~65535) (1~65535) P v2 「 SNMP v3 Refresh Save					
> Multicast > IEEE802 > QoS Event Storage System Information								

Figure 3-28

Parameter	Function
SNMP Port	The listening port of the proxy program of the device. It is a UDP port not a TCP port. The value ranges from 1 to 65535. The default value is 161
Read Community	It is a string. It is a command between the manage process and the proxy process. It defined the authentication, access control and the management relationship between one proxy and one group of the managers. Please make sure the device and the proxy are the same. The read community will read all the objects the SNMP supported in the specified name. The default setup is public.
Write Community	It is a string. It is a command between the manage process and the proxy process. It defined the authentication, access control and the management relationship between one proxy and one group of the managers. Please make sure the device and the proxy are the same. The read community will read/write/access all the objects the SNMP supported in the specified name. The default setup is write.
Trap address	The destination address of the Trap information from the proxy program of the device.

Parameter	Function
Trap port	The destination port of the Trap information from the proxy program of the device. It is for the gateway device and the client-end PC in the LAN to exchange the information. It is a non-protocol connection port. It has no effect on the network applications. It is a UDP port not TCP port. The value ranges from 1 to 165535. The default value is 162.
SNMP version	 Check SNMP v1, system only processes the information of V1. Check SNMP v2, system only processes the information of V2. Check SNMP v3, you can set account and password. You need to set the corresponding account and password for security verification when the server wants to access the device. At the same time, the V1 and V2 option is null.

3.3.9 Bonjour

The Bonjour interface is shown as below. See Figure 3-29.

Bonjour is based on the multicast DNS service from the Apple. The Bonjour device can automatically broadcast its service information and listen to the service information from other device.

You can use the browse of the Bonjour service in the same LAN to search the speed dome device and then access if you do not know the speed dome information such as IP address.

You can view the server name when the speed dome is detected by the Bonjour. Please note the safari browse support this function. Click the "Display All Bookmarks: and open the Bonjour, system can auto detect the speed dome of the Bonjour function in the LAN.

IP PTZ Dome				Live	Playback	Setup	Alarm	Logout
Camera IVS Setup Network > TCP/IP > Connection > PPPoE > DDNS	Bonjour I Enable Server Name	90-02-a9-16-f9-96	Refresh Save					0
IP Filter MTP(Email) UPnP SNMP Bonjour Multicast IEEE802	I							
> QoS Event Storage System Information								

Figure 3-29

3.3.10 Multicast

The multicast interface is shown as in Figure 3-30.

Multicast is a transmission mode of data packet. When there is multiple-host to receive the same data packet, multiple-cast is the best option to reduce the broad width and the CPU load. The source host can just send out one data to transit. This function also depends on the relationship of the group member and group of the outer.

Here you can set multicast address and port. You also need to go to Live interface to set the protocol as Multicast.

IP PTZ Dome			Live	Playback	Setup	Alarm	Logout
			Live	Playback	Setup	AldTh	
▶ Camera	Multicast						<u></u>
► IVS Setup Vetwork	Main Stream						
> тсрлр	🔽 Enable						
> Connection	Multicast Address	239 . 255 . 42 . 42 (224.0.0.0~239.255.255.255)					
> PPPoE	Port	36666 (1025~65534)					
> DDNS	Sub Stream						
> IP Filter	Enable						
SMTP(Email)	Multicast Address	239 . 255 . 42 . 42 (224.0.0.0~239.255.255.255)					
> UPnP	Port	36667 (1025~65534)					
> SNMP		Default Refresh Save					
 Bonjour Multicast 			J				
> IEEE802							
> QoS							
⊳ Event							
> Storage							
⊳ System							
▶ Information							

Figure 3-30

3.3.11 IEEE802

IEEE802.1X works standing for local and metropolitan area networks and port based network access control protocol. It supports manual operation of the client to choose means of authenticating by which to control it to access to the Local Area Networks or not. It supports the ability to authenticate, to calculate fee, to ensure security and to maintain requirements. See Figure 3-31.

IP PTZ Dome								
IF FIZ Dollie				Live	Playback	Setup	Alarm	Logout
▶ Camera	IEEE802							?
IVS Setup Vetwork TCP/IP Connection PPPoE DDNS	F Enable Authentication Username Password	PEAP IPDome Oefault R	Refresh Save					
 IP Filter SMTP(Email) UPnP SNMP 								
 Bonjour Multicast IEEE802 								
> QoS > Event > Storage > System > Information								

Figure 3-31

Parameter	Function
Authentication	PEAP (protected EAP protocol).
Username	It needs the username to login, which is authenticated by the server.
Password	Please input password here.

3.3.12 Qos

The QoS interface is shown as below. See Figure 3-32.

Qos (Quality of Service) is network security mechanism. It is a technology to fix the network delay and jam problem and etc. For the network service, the quality of service includes the transmission bandwidth, delay, the packet loss and etc. We can guarantee the transmission bandwidth, lower the delay, and reduce the loss of the data packet and anti-dither to enhance the quality.

We can set the DSCP (Differentiated Services Code Point) of the IP to distinguish the data packet so that the router or the hub can provide different services for various data packets. It can select the different queues according to the priority of the packets and select the bandwidth of the each queue. It can also discard at the different ratio when the broad bandwidth is jam.

IP PTZ Dome								
				Live	Playback	Setup	Alarm	Logout
Camera VS Setup Network TCP/IP	QoS Realtime Monitor Command		63)					0
 Connection PPPoE DDNS 		Default Refre	sh Save					
> IP Filter > SMTP(Email) > UPnP > SNMP								
> Bonjour > Multicast > IEEE802								
> QoS Event Storage System Information								

Figure 3-32

Parameter	Function
Real-time monitor	The data packet of the network video monitor.
Command	The non-monitor packet such as device setup and search.

3.4 Event

3.4.1 Video detect

3.4.1.1 Motion Detect

The motion detect interface is shown as in Figure 3-33.

IP PTZ Dome			Live	Playback	Setup	Alarm	Logout
 Camera IVS Setup Network Event Video Detect Alarm Abnormality Storage System Information 	Motion Detect Carable Working Period Anti-Dither Area Record Delay Relay-out Alarm Delay Send Email PTZ Snapshot	Video Masking Setup 0 Second(0-100) Setup 10 Second(10-300) 1 2 10 Second(10-300) 10 Second(10-300) 10 Second(10-300) 10 Second(10-300) 10 Second(10-300)					•



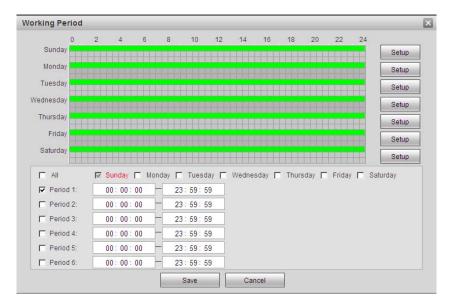


Figure 3-34

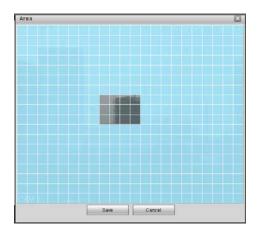


Figure 3-35

Parameter	Function
Enable	You need to check the box to enable motion detection function.
Sensitivity	There are six levels. The sixth level has the highest sensitivity.
Region	 There are six levels. The sixth level has the highest sensitivity. Region: If you select motion detection type, you can click this button to set motion detection zone. The light blue zones are the valid motion detect area. All area are the valid motion detect zone by default. You can use mouse to set invalid area. Do remember clicking OK button to save your motion detection zone setup.
Working Period	 Motion detection function becomes activated in the specified periods. See Figure 3-34. There are six periods in one day. Please draw a circle to enable corresponding period. Select date. If you do not select, current setup applies to today only. You can select all week column to apply to the whole week. Click OK button, system goes back to motion detection interface; please click save button to exit.
Anti-dither	System only memorizes one event during the anti-dither period. The value ranges from 0s to 100s.

Parameter	Function
Relay out	Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when alarm occurs.
	Please note the relay output number here is for reference only. The alarm output number may vary due to different series products.
Alarm Delay	System can delay the alarm output for specified time after motion detect alarm ended. The value ranges from 10s to 300s.
Record channel	System auto activates motion detection channel to record once motion detect alarm occurs (working with motion detection function). Please note you need to go to Storage-> Schedule to set motion detect record period and go to Storage->Record control to set current channel as auto record.
Record Delay	System can delay the record for specified time after motion detect alarm ended. The value ranges from 10s to 300s.
Send Email	If you enabled this function, System can send out email to alert you when alarm occurs and ends.
PTZ	 Here you can set PTZ movement when alarm occurs. Such as go to preset x when there is an alarm. The event type includes: preset, tour and pattern and etc.
Snapshot	It is snapshot activation function.

3.4.1.2 Video Masking

The video masking interface is shown as in Figure 3-36.

IP PTZ Dome			Live	Playback	Setup	Alarm	Logout
Camera IVS Setup Network Event > Video Detect > Alarm > Abnormality Storage System > Information	Motion Detect C Enable Working Period Record Record Delay Relay-out Alarm Delay Send Email PTZ Snapshot	Video Masking Setup 10 Second(10~300) 1 2 10 Second(10~300) Activation Preset NO. 1 Default Refresh					0

Figure 3-36

Parameter	Function
Enable	You need to check the box to enable video masking function.
Sensitivity	There are six levels. The sixth level has the highest sensitivity.
Working Period	 Video masking function becomes activated in the specified periods.
	• There are six periods in one day. Please draw a circle to enable corresponding period.
	• Select date. If you do not select, current setup applies to today only. You can select all week column to apply to the whole week.
	 Click OK button, system goes back to motion detection interface; please click save button to exit.
Anti-dither	System only memorizes one event during the anti-dither period. The value ranges from 0s to 100s.
Relay out	Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when video masking alarm occurs.
	Please note the relay output number here is for reference only. The alarm output number may vary due to different series products.
Alarm Delay	System can delay the alarm output for specified time after video masking alarm ended. The value ranges from 10s to 300s.
Record channel	System auto activates motion detection channel to record once video masking alarm occurs (working with motion detection function). Please note you need to go to Storage-> Schedule to set motion detect record period and go to Storage->Record control to set current channel as auto record.
Record Delay	System can delay the record for specified time after video masking alarm ended. The value ranges from 10s to 300s.
Email	If you enabled this function, System can send out email to alert you when alarm occurs.
PTZ	 Here you can set PTZ movement when alarm occurs. Such as go to preset x when there is an alarm.
	• The event type includes: preset, tour and pattern and etc.
Snapshot	It is snapshot activation function.

3.4.2 Alarm

The alarm activation interface is shown as in Figure 3-37.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
 Camera IVS Setup Network Event Video Detect Alarm Abnormality Storage System Information 	Alarm Relay-in Working Period Anti-Dither Record Delay Relay-out Alarm Delay Send Email PTZ Snapshot	10 Second	(0~100) Sensor Type ((10~300) ((10~300) Refresh	NO 💌					?

Figure 3-37

Parameter	Function
Enable	You need to check the box to enable this function.
Working Period	This function becomes activated in the specified periods.There are six periods in one day. Please draw a circle to enable
	 corresponding period. Select date. If you do not select, current setup applies to today only. You can select all week column to apply to the whole week.
	 Click OK button, system goes back to motion detection interface; please click save button to exit.
Anti-dither	System only memorizes one event during the anti-dither period. The value ranges from 0s to 100s.
Sensor type	There are two options: NO/NC. From NO to NC, system enables alarm. From NC to NO, system disables alarm.
Relay out	 Enable alarm activation function. You need to select alarm output port so that system can activate corresponding alarm device when alarm occurs.
	 Please note the relay output number here is for reference only. The alarm output number may vary due to different series products.
Alarm Delay	System can delay the alarm output for specified time after alarm ended. The value ranges from 10s to 300s.

Parameter	Function
Record Channel	System auto activates motion detection channel to record once alarm occurs (working with motion detection function). Please note you need to go to Storage-> Schedule to set current channel as general record.
Record Delay	System can delay the record for specified time after alarm ended. The value ranges from 10s to 300s.
Send Email	If you enabled this function, System can send out email to alert you when alarm occurs and ends.
PTZ	 Here you can set PTZ movement when alarm occurs. Such as go to preset x when there is an alarm. The event type includes: preset, tour and pattern.
Snapshot	You need to input capture channel number so that system can backup motion detection snapshot file.

3.4.3 Abnormality

It includes five statuses: No SD card, capacity warning, SD card error, and disconnection and IP conflict. There are two interfaces for you reference. See Figure 3-38 through Figure 3-42.

IP PTZ Dome			L	ive Playback	Setup	Alarm	Logout
Camera IVS Setup Network Event > Video Detect > Alarm > Abnormality Storage	No SD Card	Capacity Warning	 Disconnection	IP Conflict			0
> System							





Figure 3-39

IP PTZ Dome				Ŷ			
			Li	ve Playback	Setup	Alarm	Logout
No SD Car	Capacity Warning	SD Card Error	Disconnection	IP Conflict			?
► IVS Setup ► Network ► Event	1 2						
Video Detect Alarm Delay Alarm Send Email	10 Second(1	0~300)					
 Abnormality Storage 	Default	Refresh	ve				
System							



IP PTZ Dome								
				Liv	e Playback	Setup	Alarm	Logout
⊳ Camera	No SD Card	Capacity Warning	SD Card Error	Disconnection	IP Conflict			?
► IVS Setup	Enable							
Network								
▼ Event	Record							
> Video Detect	Record Delay	10 Second(10	~300)					
> Alarm	Relay-out	1 2						
> Abnormality	Alarm Delay	10 Second(10	~300)					
► Storage		Default	Refresh S	ave				
⊳ System								
▶ Information								



IP PTZ Dome		Live	Playback	Setup	Alarm	Logout
IVS Setup Network Event Video Detect Alarm	Capacity Warning SD Card Error Disconnect 10 Second(10-300) 1 2 10 Second(10-300) Default Refresh Save	on IF	P Conflict			?

Figure 3-42

Parameter	Function
Event Type	 The abnormal events include: no disk, no space, disk error, net error, offline, IP conflict.
	 You need to draw a circle to enable this function.

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Parameter	Function
Record	System auto activates channel to record once an alarm occurs (For offline type only. See Figure 3-42.). You need to check the box to enable this function.
Record Delay	System can delay the record for specified time after alarm ended. The value ranges from 10s to 300s.
Relay Out	The corresponding alarm output channel when alarm occurs. You need to check the box to enable this function.
Relay out Delay	The alarm output can delay for the specified time after alarm stops. The value ranges from 10s to 300s.
Send email	If you enable this function, system can send out email to alarm the specified user.

3.5 Storage

3.5.1 Record schedule and snapshot schedule

In these two interfaces, you can add or remove the schedule record/snapshot setup. See Figure 3-43. There are three record modes: general (auto), motion detect and alarm. There are six periods in one day. Please make sure you have enabled the corresponding record mode in the Setup->Storage->Conditions.

You can view the current time period setup from the color bar.

- Green color stands for the general record/snapshot.
- Yellow color stands for the motion detect record/snapshot.
- Red color stands for the alarm record/snapshot.

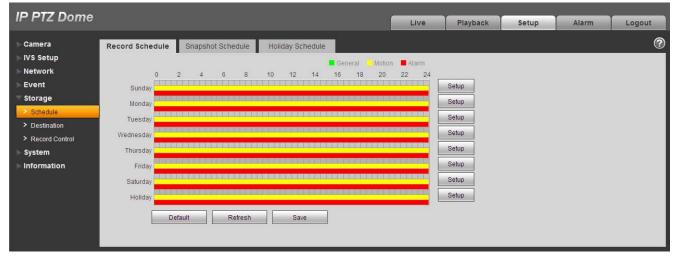


Figure 3-43

3.5.2 Destination

The destination interface is shown as in Figure 3-44.

It is to set the storage mode of the speed dome record file or snapshot pictures. There are two options: local storage/FTP. You can only select one mode. System can save according to the event types. It is corresponding to the three modes (general/motion/alarm) in the Schedule interface. Please check the box to enable the save functions.

P PTZ Dome					Live	Playback	Setup	Alarm	Logout
Camera	Path	Local	FTP						(
IVS Setup Network	Record				Snapshot				
Event	Event Type	Scheduled	Motion Detect	Alarm	Event Type	Scheduled	Motion Dete	ect Alarn	1×
Storage	Local				Local				
> Schedule	FTP			Г	FTP	Г	Г	Γ	
Destination	Default	Refresh	Save						
Record Control									
System									
Information									

Figure 3-44

Please refer to the following sheet for detailed information.

Parameter	Function
Event Type	It includes: general, motion detect and alarm.
Local	It is to save in the SD card.
FTP	It is to save in the FTP server.

The local interface is shown as in Figure 3-45. Here you can view local SD card information. You can also operate the read-only, write-only, hot swap and format operation.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
⊳ Camera	Path	Local	F	TP					?
 IVS Setup Network 	Device Name) SI	atus	Attribute		Free Capa	city/Total Capacity	_	4
Event									
 Storage Schedule Destination 									
Record Control System									
► Information	Read Only R	Read & Write Hot	Swap	Refresh					Format

Figure 3-45

The FTP interface is shown as in Figure 3-46. You need to check the box to enable the FTP function. When network disconnect occurred or there is malfunction. Emergency storage can save the record/snapshot picture to the local SD card.

IP PTZ Dome									
					Live	Playback	Setup	Alarm	Logout
Camera IVS Setup Network Event Storage Schedule Destination Record Control System Information	Path Enable Server Address Port User Name Password Remote directory Emergency (Local)	Local 21 anonymity share Default	FTP (0-65535) Refresh	Save					0

Figure 3-46

3.5.3 Record control

The record control interface is shown as in Figure 3-47.

IP PTZ Dome			Live	Playback	Setup	Alarm	Logout
Camera Record	Control						?
IVS Setup Pack II ▶ Network Pre-ev ▶ Event Disk F ♥ Storage > Schedule	Duration 30	Minute (1~120) Second (0~5) C Off Refresh Save]				

Figure 3-47

Parameter	Function
Pack Duration	Here you can select file size. Default setup is 60 minutes.

Pre-record	Please input pre-record value here.
	For example, you can input 4 here so that system can read the previous four seconds video before the alarm occurrence from the buffer and record the 4 seconds video in the file.
	Please note, if there is no record when alarm record or motion detect record occurred, system can record the N seconds' video before the event occurrence in the file.
Disk Full	 There are two options: stop recording or overwrite the previous files when HDD is full. Stop: Current working HDD is overwriting or current HDD is full, it will stop record. Overwrite: Current working HDD is full; it will overwrite the previous file.
Record Mode	There are three modes: Auto/manual/close.
Record Bit Stream	You can select main stream or extra stream.

3.6 System

3.6.1 General

The general interface includes the general setup and the date/time setup.

3.6.1.1 General

The general interface is shown as in Figure 3-48.

IP PTZ Dome										
					L	ive	Playback	Setup	Alarm	Logout
⊳ Camera	General	Date&Time								?
► IVS Setup	Device Name	90_02_a9_f9_96								
Network			_							
▶ Event	Language	English	_							
Storage	Video Standard	NTSC	-	5 W						
⊤ System		Default	Refresh	Save						
> General										
> Account										
PTZ Settings										
> Default										
> Import/Export										
> Auto Maintain										
> Upgrade										
► Information										

Figure 3-48

Parameter	Function
Device Name	It is to set device name.
Video Standard	This is to display video standard.
Language	You can select the language from the dropdown list. Please note the device needs to reboot to get the modification activated.

3.6.1.2 Date and time

The date and time interface is shown as in Figure 3-49

IP PTZ Dome				Live	Playback	Setup	Alarm	Logout
				Live	Playback	Setup	Alarm	Logout
▶ Camera	General	Date&Time						\bigcirc
► IVS Setup	Date Format	Year-Month-Day						
▶ Network	Time Format							
⊳ Event		24-Hour-based System						
> Storage	Time Zone	GMT+08:00						
🔻 System	Current Time	2013 - 09 - 13 11 : 44 : 18	Sync PC					
> General	C DST Enable							
> Account	DST Type	Date Week						
PTZ Settings	Start Time	Jan 🗾 1 💻 00 : 00 : 00						
> Default	End Time	Jan 🔽 2 💌 00 : 00 : 00						
> Import/Export	Synchronize with NTP	>						
> Auto Maintain	NTP Server	clock.isc.org						
> Upgrade	Port	123						
► Information	Update Period	30 Minute(0~30)						
			2010					
		Default Refresh	Save					

Figure 3-49

Parameter	Function
Date format	Here you can select date format from the dropdown list.
Time Format	There are two options: 24-H and 12-H.
Time zone	The time zone of the device.
System time	It is to set system time. It becomes valid after you set.
Sync PC	You can click this button to save the system time as your PC current time.

DST	Here you can set day night save time begin time and end time. You can set according to the date format or according to the week format.
NTP	You can check the box to enable NTP function.
NTP server	You can set the time server address.
Port	It is to set the time server port.
Update period	It is to set the sync periods between the device and the time server. The update function is null if the value is 0.

3.6.2 Account

Note:

- For the character in the following user name or the user group name, system max supports 15-digit. The space in the front or at the end of the string is null. The valid string includes: character, number, space and underline.
- The max user amount is 20 and the max group amount is 8. You can add or delete user group.
- The factory default setup includes two levels: user and admin. .User management adopts group/user modes. The user name and the group name shall be unique. One user shall be included in only one group.

3.6.2.1 User name

In this interface you can add/remove user and modify user name. See Figure 3-50.

Once you check the box here to enable anonymous login function, you can go to the preview interface after you input address in the browser to login.

Z Dome					Live	Playback	Setup	Alarm	Log
a tup	Account								
rk	Anonymous Logir	N							
	User Name	Gro		_			_		
e	No.	User Name admin	Group Name admin			nark account		Modify	Delete
1	2	888888	admin			s account		1	0
ral	3	666666	user			s account		2	
nt								No.	
ettings	-								
lt									
t/Export Iaintain									
laintain	Authority List								
						17 EV			115
ide	Live	Playback	Record control	Backup	PTZ	Account	Alarm	Log Se	arch
ide ation	Live Clear Log Video Detect	Playback Upgrade	Record control Auto Maintain	Backup General	PTZ Video/Audio IVS	Account Schedule/Destination		Log Se Abnom	

Figure 3-50

Add user: It is to add a name to group and set the user rights. See Figure 3-51.

Here you can input the user name and password and then select one group for current user.

Please note the user rights shall not exceed the group right setup.

For convenient setup, please make sure the general user has the lower rights setup than the admin.

	_					
	<u> </u>					
	•					
	-					
			-			
ack						
rd control						
up						
			-			
	oack Ird control Up	rd control up				

Figure 3-51

Modify user

It is to modify the user property, belonging group, password and rights. See Figure 3-52.

Modify password

It is to modify the user password. You need to input the old password and then input the new password twice to confirm the new setup. Please click the OK button to save.

For the user of the account rights, he can modify the password of other users.

Modify User		×
User Name	admin	
Modify Password		
Old Password		
New Password		
Confirm Password		
Group	admin	
Remark	admin 's account	
Authority List	I All	
	✓ Live ✓ Playback ✓ Record control ✓ Backup ✓ PTZ	
	Save Cancel	

Figure 3-52

3.6.2.2 Group

The group management interface can add/remove group, modify group password and etc. The interface is shown as in Figure 3-53.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logou	ut
▶ Camera	Account									?
 IVS Setup Network 	Anonymous Login		_							
⊳ Event	User Name No.	Group Group Name		_	Remark	_	_	Modify	Delete	
Storage	1	admin			administrator group			2	0	<u> </u>
System > General	2	user			user group			2	•	
> Account										
> PTZ Settings										
> Default										
Import/Export										-
> Auto Maintain	Authority List									
> Upgrade	Live Clear Log Video Detect	Playback Upgrade PTZ Settings	Record control Auto Maintain Default/Import/Export	Backup General Conditions	PTZ Video/Audio IVS	Account Schedule/Destination	Alarm Network	Log Sea Abnorma		
	Add Group									

Figure 3-53

Add group: It is to add group and set its corresponding rights. See Figure 3-54.

Please input the group name and then check the box to select the corresponding rights. It includes: live playback, record control, backup, PTZ control, user management and etc.

Group Remark Authority List All Live Playback Record control Backup PTZ	Add Group		X
Authority List			
Live Playback Record control Backup	Remark		
Playback	Authority List	T All	
Record control Backup		Live	
🗖 Backup		Playback	
		Record control	
T PTZ		🗖 Backup	
		T PTZ	
		Save Cancel	

Figure 3-54

Modify group

Click the modify group button, you can see an interface is shown as in Figure 3-55. Here you can modify group information such as remarks and rights.

dify Group		
Group	admin	
Remark	administrator group	
Authority List	All	
	► Live	
	Playback —	
	Record control	
	🔽 Backup	
	I PTZ ▼	

Figure 3-55

3.6.3 PTZ

3.6.3.1 Network PTZ

The network PTZ interface is shown as in Figure 3-56.

IP PTZ Dome					Live	Playback	Setup	Alarm	Logout
Camera									?
► IVS Setup	Network PTZ								J
	Protocol	DH-SD1	-						
▶ Network									
⊳ Event		Default	Refresh	Save					
Storage									
⊤ System									
> General									
> Account									
PTZ Settings									
> Default									
> Import/Export									
> Auto Maintain									
> Upgrade									
▶ Information									

Figure 3-56

Please refer to the following sheet for detailed information.

Pa	arameter	Function
Pi	rotocol	Select the corresponding dome protocol.

3.6.4 Default

The default setup interface is shown as in Figure 3-57.

Please note system can not restore some information such as network IP address.

IP PTZ Dome		Live	Playback	Setup	Alarm	Logout
▶ Camera	Default					0
► IVS Setup						
Network	Default					
⊳ Event						
► Storage						
⊤ System						
> General						
> Account						
PTZ Settings						
> Default						
> Import/Export						
> Auto Maintain						
> Upgrade						
► Information						

Figure 3-57

3.6.5 Import/Export

The interface is shown as in Figure 3-58.

IP PTZ Dome						
		Live	Playback	Setup	Alarm	Logout
🕨 Camera	Import/Export					?
► IVS Setup						
▶ Network	Backup Path					
Event	Import Export					
> Storage						
⊤ System						
> General						
> Account						
PTZ Settings						
> Default						
> Import/Export						
> Auto Maintain						
> Upgrade						
Information						

Figure 3-58

Please refer to the following sheet for detailed information.

Parameter	Function
Import	It is to import the local setup files to the system.
Export	It is to export the corresponding system setup to your local PC.

3.6.6 Auto maintenance

The auto maintenance interface is shown as in Figure 3-59.

Here you can select auto reboot and auto delete old files interval from the dropdown list.

If you want to use the auto delete old files function, you need to set the file period.

IP PTZ Dome						
		Live	Playback	Setup	Alarm	Logout
⊳ Camera	Auto Maintain					?
 IVS Setup Network 	✓ Auto Reboot Tuesday _ 02 : 00					0
⊳ Event	Lauto Delete Old Files					
▶ Storage	Manual Reboot					
⊤ System	Refresh Save					
> General						
 Account PTZ Settings 						
Prz SetungsDefault						
> Import/Export						
> Auto Maintain						
> Upgrade						
► Information						

Figure 3-59

3.6.7 Upgrade

The upgrade interface is shown as in Figure 3-60.

Please select the upgrade file and then click the update button to begin firmware update.

Important

Do not turn off the device power, disconnect the device, reboot or shutdown the device during the update period.

<u>Please reboot the device if you update the improper program, otherwise some function module</u> of the device may become null!

IP PTZ Dome							
			Live	Playback	Setup	Alarm	Logout
▶ Camera	Upgrade						?
IVS Setup							
Network	Select Firmware File	Browse	Upgrade]			
Event	-			_			
⊳ Storage							
🔍 System							
> General							
> Account							
PTZ Settings							
> Default							
Import/Export							
> Auto Maintain							
> Upgrade							
Information							

Figure 3-60

3.7 Information

3.7.1 Version

The version interface is shown as in Figure 3-61.

Here you can view system software version, WEB version, release date and etc. Please note the following information is for reference only.

IP PTZ Dome							
			Live	Playback	Setup	Alarm	Logout
Camera	Version						?
IVS Setup Network	Device Type	IP PTZ Dome					
Event	Software Version	2.212.0000.0.R, build : 2013-09-10					
Storage	WEB Version	3.2.1.136983					
⊳ System	PTZ Version	V1.01.0.RHIKDL					
Information	Camera Version	01.01.01					
> Version	S/N	90:02:a9:16:f9:96					
> Log	2D Code						
> Online User	Copyright 2011,All R	ights Reserved.					

Figure 3-61

3.7.2 Log

Here you can view system log. See Figure 3-62.

IP PTZ Dome								
				Live	Playback	Setup	Alarm	Logout
⊳ Camera	Log							?
 IVS Setup Network 	Start Time 2013 - 09 - · Type All	the second secon	013 - 09 - 13 11 : 6	53 : 58				
⊳ Event ⊳ Storage	No.	Log Time	_	User Na	me		Event	
System								-
> Version Log								
> Online User								<u>.</u>
	Detailed Information							
	Backup						⊲ 1/1 ► ► ©	Go To

Figure 3-62

Please refer to the following sheet for log parameter information.

Pa	rameter	Function
Тур	be	Log types include: system operation, configuration operation, data operation, alarm event, record operation, and user management, log clear.

Parameter	Function
Start time	Set the start time of the requested log.
End time	Set the end time of the requested log.
Search	You can select log type from the drop down list and then click search button to view the list. You can click the stop button to terminate current search operation.
Detailed information	You can select one item to view the detailed information.
Clear	You can click this button to delete all displayed log files.
Backup	You can click this button to backup log files to current PC.

3.7.3 Online User

The online user interface is shown as in Figure 3-63.

Here you can view online user name, group name, IP address and login time.

ogout
?



4 Alarm

Click alarm function, you can see an interface is shown as in Figure 4-1.

Here you can set device alarm type and alarm sound setup. When the specified alarm occurred (you have subscribed), system can record the corresponding alarm information on the right pane of the alarm list.

IP PTZ Dome			1	Live	Playback	Setup	Alarm	Logout
								?
Alarm Type Motion Detect Disk Fu Disk Error Video M External Alarm		No.	rime .		Alarm Typ	e	Alarm Ch	annel
Operation Prompt Alarm Tone Play Alarm Tone Tone Path	OWER							
								-

Figure 4-1

Туре	Parameter	Function			
Alarm	Motion detect	System alarms when motion detection alarm			
type		occurs,			
	Disk full	System alarms when disk is full.			
	HDD	System generates an alarm when HDD is			
	malfunction	malfunction.			
Camera		System alarms when camera is viciously masking.			
	masking				
	External alarm	Alarm input device sends out alarm.			
Operation	Prompt	System automatically pops up alarm dialogue box.			
Alarm	Audio	When alarm occurs, system auto generates alarm			
audio		audio. The audio supports customized setup.			
	Path	Here you can specify alarm sound file.			

5 Log out

Click log out button, system goes back to log in interface. See Figure 5-1. You need to input user name and password to login again.

IP PTZ D	ome	
Username: Password:	admin	
	Login Cancel]

Figure 5-1

Note:

- This manual is for reference only. Slight difference may be found in user interface.
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