

Network PTZ Dome Camera Firmware

Version: V5.3.12 build151225

Release Note

(2016-02-26)

	Firmware Version:	V5.3.12 build151225		
	SDK Version:	V5.1.5.7_build20151125		
	Play Library (PlayCtrl.dll)	V7.2.2.80_build20150910		
	Encapsulation Library	V/2 E 0 0/201E0921)		
Firmware	(SystemTransform.dll)	v2.3.0.9(20150851)		
Basic Information	Voice intercom library	V1.2.0.1		
	Smart configuration library	V3.3.4.3		
	iV/MS 4200	Version 4200 V2.02.07.01		
	101013-4200	build20150325		
	IE Client version	V3.0.5.43 build20151208		

Hikvision Firmware V5.3.12 build 151225 Features

• <u>Support sub stream image capture.</u>

 The resolution of sub stream is much lower, which will decrease the storage. Go to Configuration → Storage → Schedule Settings → Capture Schedule → Advanced → Stream Type, select the sub stream. Notice to click 'Save' after changing the parameters.

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	Event Storage Schedule Settings Storage Management		2	4	Strear 6	n Type	10	Main Main Sub	n Stream Stream Stream	16	ОК 18	20	Cancel	24 24 24

2) Refresh the page after setting the sub stream, then there'll be resolution type of sub stream at capture parameters settings.



Capture Schedule	Capture Parameters	
Timing		
Enable Timing Sna	apshot	
Format	JPEG	•
Resolution	352*288	•
Quality	High	•
Interval	500	millisecond
Event-Triggered		
Enable Event-Trigg	ered Snapshot	
Format	JPEG	•
Resolution	352*288	•

• Support display online users list function on browser and client software.

- 1) The online users list will show the information of the users who have connected to the device, including number, user name, level, IP address and operation time.
- 2) Click refresh button to refresh the current users. The client software support refresh automatically within 15s. The IE client only support refresh manually.
- 3) Online users detection detects all the operation to the device, including live view, playback, record, log in the client software, log in SDK, configuration by IE client, connect with a third party platform. If a user doesn't request for more than 3 minutes, the user information will be deleted from the list.
- 4) It will display only one piece of information of two users which have the same IP address and user name.
- 5) The list could list up to 30 online users.

Ţ	Local	User Manage	ment Online Users			
	System	User Lis	it			Refresh
	System Settings	No.	User Name	Level	IP Address	User Operation Time
	Maintenance	1	admin	Administrator	10.16.6.27	2016-02-25 19:55:37
	Security	2	admin	Administrator	10.9.6.103	2016-02-25 18:41:18
	User Management	3	admin	Administrator	10.9.19.122	2016-02-25 18:35:05
Ð	Network	4	admin	Administrator	10.9.6.121	2016-02-25 18:37:50
<u>Q.</u>	Video/Audio					
14	Image					
0	077					

• Add PTZ control panel and capture button to every configuration page which has the preview window.





• Support menu shortcut, one-touch Patrol and one-touch Park.

- 1) Menu shortcut: Touch the menu button to call the OSD menu. Touch it again to exit OSD menu.
- One-touch Patrol: This button have the same function of preset 45. Touch this button to add preset No.1 to No.32 to the patrol 8 and enable patrol 8.
- One-touch Park: Touch the button to enable park function and park preset 32. At the same time, it will set the current position to preset 32. If the preset 32 has been defined, it'll redefine preset 32 to current position.



• <u>Support direction setting function.</u>

- 1) Go to PTZ \rightarrow position settings.
- 2) Set as north: Click to set current position to north.
- 3) Point to North: Click to point the PTZ camera to the North position set before.
- 4) GPS: You can set the location information manually.



HI	KVISION	Live View	Playback	Picture	Configuration	n				_	_			£ admin	Help
Ģ	Local	Basic Settings	Limit Initial Positi	on Park Action	Privacy Mask	Scheo	duled 1	Fasks	CI	ear Cor	nfig	Smart Tracking	Prioritize PTZ	Positio	n Settings
	System	02- <u>21</u> -	2016 Sun 1 <u>2:1</u>	6:27			۲		4	a	d	ť			
0	Network						•	U	•	5		p			
₽.	Video/Audio							•	4	0	0	2			
1	Image							ليتسا				1			
2	PTZ						1	Preset	1	2	¢ ×	*			
≡	Event					<	2	Preset	2			E			
8	Storage				4		3	Preset	3						
				8	0		4	Preset	4						
							5	Preset	5						
							6	Preset	6						
		6 50	n Philitette		-		7	Preset	7						
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5	Local	Cor	mnass												
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e	Network	FINO	ue	Ivianual		•	Set	do INC	Jui	FU	mitto	NOTUT			
Q	Video/Audio	GP	s												
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2	РТΖ	Longit	tude	East		-									
l (iii	Event			0		•	0~17	'9							
	Storage			0			0~59								
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		Latitud	de	North		•									
				0		•	0~89)							
				0			0~59								
				0.00		-	0.00-	~59.99							
			🖹 Save												

5) Go to PTZ → Basic settings → PTZ OSD, you can choose position display format to direction, which will display the direction information on the OSD.

PTZ OSD		
Zoom Status	2s 🔹	
PT Status	2s 💌	SW2251107
Position Display Format	Direction 💌	
Preset Status	Direction	Ħ, t _ö , @, Ů,

• Add digital zoom button to the toolbar of the main page.





• Optimization:

 When configuring the scheduled day/night switch, the end time could be earlier than the start time. The end time can be recognized to the time of next day.

	Local	✓Image Adjustmer	ıt
Ŧ	System	*Exposure Setting	S
Ð	Network	*Focus	
<u>0.</u>	Video/Audio	^Day/Night Switch	
1	Image	Day/Night Switch	Scheduled-Switch
<u>.</u>	PTZ	Start Time	23:00:00
Ë	Event	End Time	07:00:00
B	Storage	IRLightMode	Auto
		Brightness Limit	100

2) Disable anonymous visit function.

Compatibility Update

- HIKCGI version: V2.0;
- PSIA version: V1.1;
- ONVIF version: V2.4;
- NUUO: Version: V6.0.5, drive version: V4.5;
- <u>Milestone:</u>
 - 1) Milestone Enterprise 8.1a(8.6d), Milestone drive version (Driver 8.1),
 - 2) Milestone software version (Milestone Corporate 7.0d), Milestone drive version (Driver 8.1),
- Avigilon Control Center: V5.6.0.28;
- Excaqvision: V7.2.1.85489
- Genetec Omnicast: 4.8 SR8



Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

<u>Remarks:</u>

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PTZ Dome Camera

Supported Product List							
Product Category	Model Number	Product Description					
PTZ Dome Camera	DS-2DF8236I-AEL(W)	2MP Ultra-low Light Smart PTZ Camera					
PTZ Dome Camera	DS-2DF8223I-AEL(W)	2MP Ultra-low Light Smart PTZ Camera					
PTZ Dome Camera	DS-2DF7286-A/D/AW/AEL	2MP IR Network Speed Dome					
PTZ Dome Camera	DS-2DF7284-A/D/AW/AEL	2MP IR Network Speed Dome					
PTZ Dome Camera	DS-2DF7276-A/D/AW/AEL	1.3MP IR Network Speed Dome					
PTZ Dome Camera	DS-2DF7274-A/D/AW/AEL	1.3MP IR Network Speed Dome					
PTZ Dome Camera	DS-2DF7230I5-AEL	2MP 30X Network Laser PTZ Dome Camera					
PTZ Dome Camera	DS-2DF727A-A	1MP IR Network Speed Dome					
PTZ Dome Camera	DS-2DF6236I-AEL	2MP Ultra-low Light Smart PTZ Camera					
PTZ Dome Camera	DS-2DF6223I-AEL	2MP Ultra-low Light Smart PTZ Camera					
PTZ Dome Camera	DS-2DF5286-A/D/AEL	2MP Network Speed Dome					
PTZ Dome Camera	DS-2DF5284-A/D/AEL	2MP Network Speed Dome					
PTZ Dome Camera	DS-2DF5276-A/D/AEL	1.3MP Network Speed Dome					
PTZ Dome Camera	DS-2DF5274-A/D/AEL	1.3MP Network Speed Dome					

1MP Network Speed Dome

DS-2DF527A-A