

## Network PTZ Dome Camera Firmware

Version: V5.3.12 build151225

### Release Note

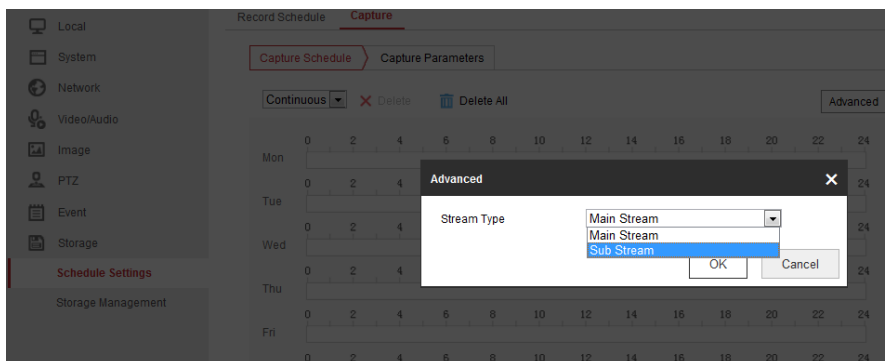
(2016-02-26)

<b>Firmware Basic Information</b>	Firmware Version:	V5.3.12 build151225
	SDK Version:	V5.1.5.7_build20151125
	Play Library (PlayCtrl.dll)	V7.2.2.80_build20150910
	Encapsulation Library (SystemTransform.dll)	V2.5.0.9(20150831)
	Voice intercom library	V1.2.0.1
	Smart configuration library	V3.3.4.3
	iVMS-4200	Version 4200 V2.02.07.01 build20150325
	IE Client version	V3.0.5.43 build20151208

### Hikvision Firmware V5.3.12 build 151225 Features

- **Support sub stream image capture.**

- 1) 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.



- 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 Snapshot

Format: JPEG

Resolution: 352\*288

Quality: High

Interval: 500 millisecond

**Event-Triggered**

Enable Event-Triggered Snapshot

Format: JPEG

Resolution: 352\*288

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

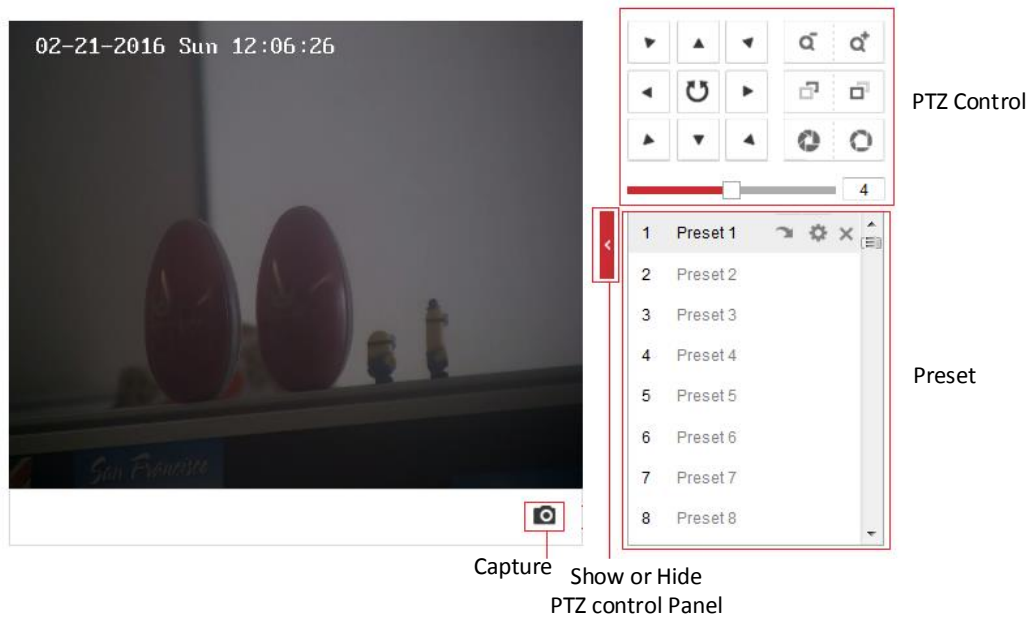
- 1) The online users list will show the information of the users who have connected to the device, including number, user name, level, IP address and operation time.
- 2) Click refresh button to refresh the current users. The client software support refresh automatically within 15s. The IE client only 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.

User Management **Online Users**

User List Refresh

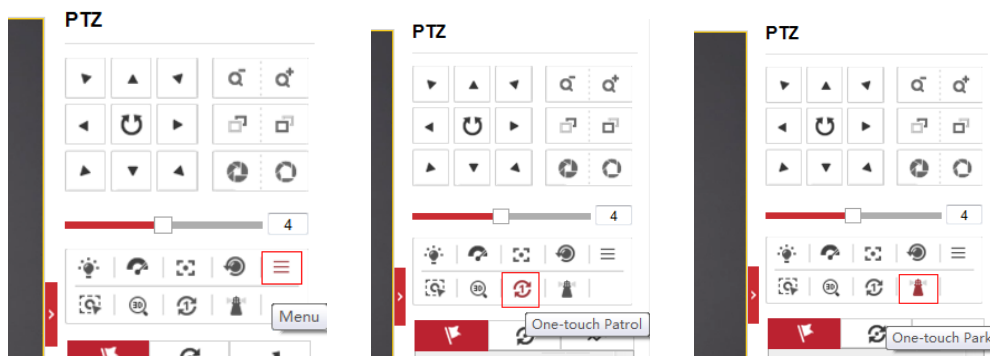
No.	User Name	Level	IP Address	User Operation Time
1	admin	Administrator	10.16.6.27	2016-02-25 19:55:37
2	admin	Administrator	10.9.6.103	2016-02-25 18:41:18
3	admin	Administrator	10.9.19.122	2016-02-25 18:35:05
4	admin	Administrator	10.9.6.121	2016-02-25 18:37:50

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



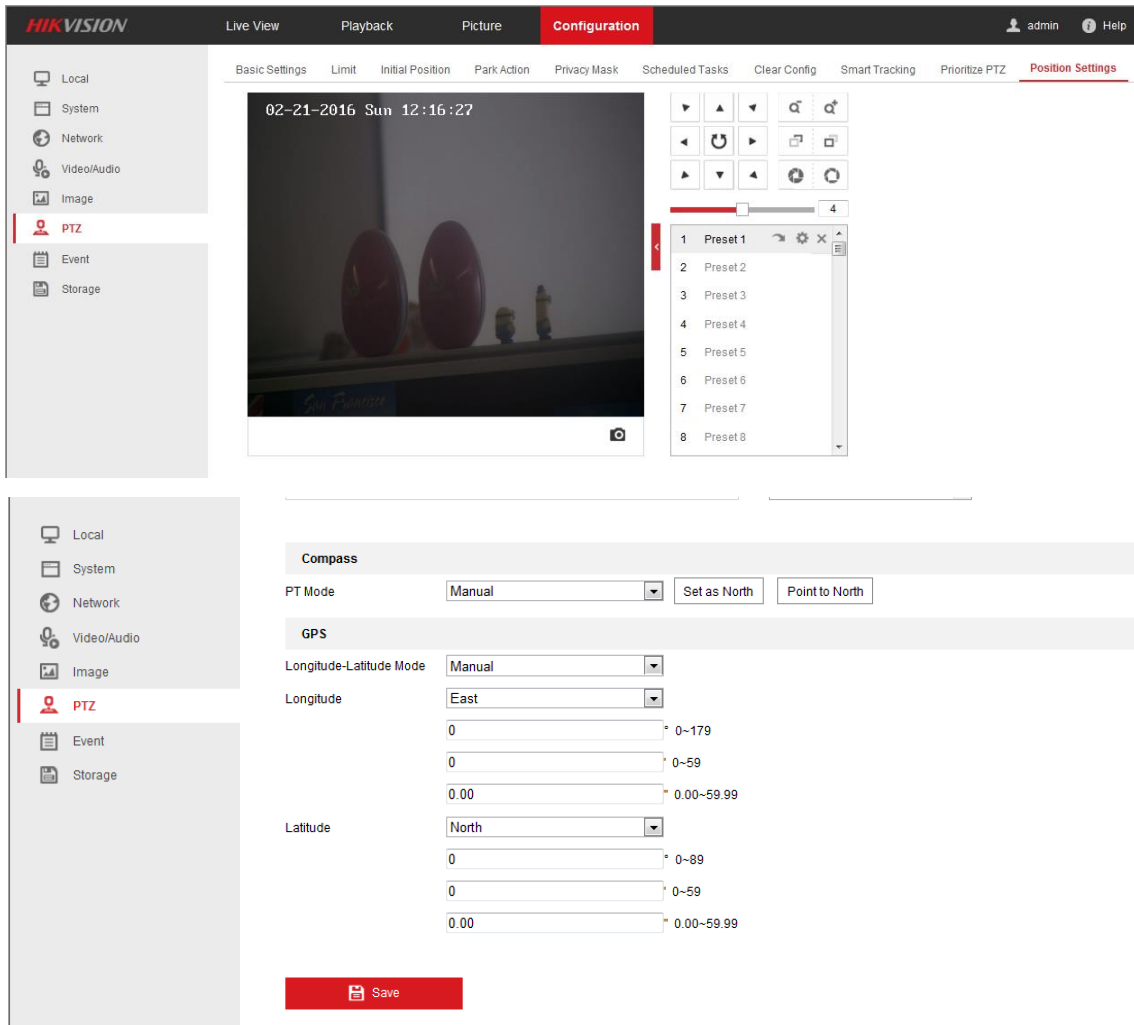
- **Support menu shortcut, one-touch Patrol and one-touch Park.**

- 1) Menu shortcut: Touch the menu button to call the OSD menu. Touch it again to exit OSD menu.
- 2) 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.
- 3) 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.

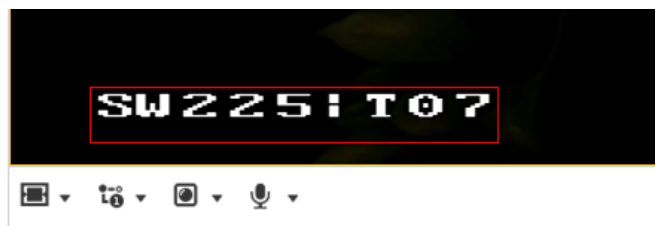
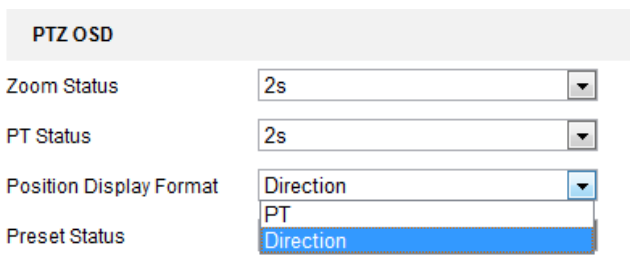


- **Support direction setting function.**

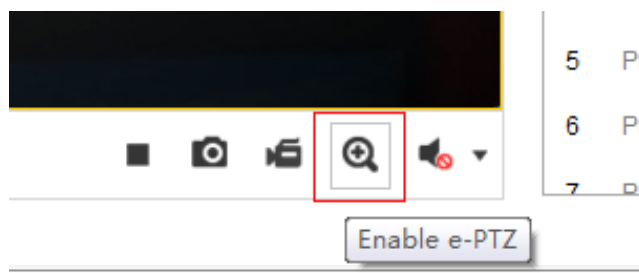
- 1) Go to PTZ → position settings.
- 2) Set as north: Click to set current position to north.
- 3) Point to North: Click to point the PTZ camera to the North position set before.
- 4) GPS: You can set the location information manually.



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.

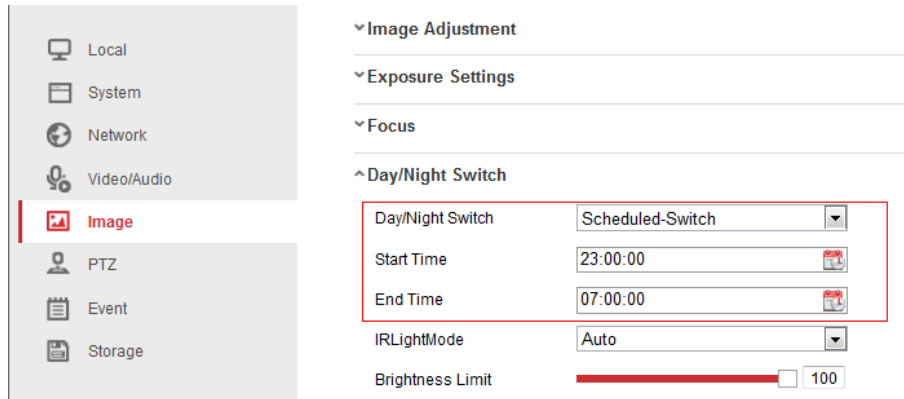


- **Add digital zoom button to the toolbar of the main page.**



- **Optimization:**

- 1) 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.



- 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 ;**
- **Milestone:**
  - 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.

### **Remarks:**

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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## 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
PTZ Dome Camera	DS-2DF527A-A	1MP Network Speed Dome