



Intelligent Video Surveillance System V3.001.0000000.1

Release Notes



Legal Information

Trademarks

, , , , and **HDCVI** are the trademarks or registered trademarks of Dahua.

All other company names and trademarks mentioned herein are the properties of their respective owners.

Disclaimer

- These release notes are for reference only. Slight differences might be found between the release notes and the product.
- Succeeding products and release notes are subject to change without notice.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

Table of Contents


Legal Information	1
Release Notes	1
1.1 Overview.....	1
1.2 New Features	1
1.3 Fixed Bugs	2
1.4 New Feature Details.....	2
1.4.1 Web Direction.....	2
1.4.2 I-frame Thumbnails Playback.....	3
1.4.3 Display and Control of Smart Rule Lines.....	3
1.4.4 Smart Motion Detection	4
1.5 Compatibility.....	5
1.5.1 Browser	5
1.6 Software Environment.....	5
1.7 Pending Issues.....	8
1.8 Update Guide.....	8





Release Notes

1.1 Overview

Item	Description
Product name	Intelligent Video Surveillance System (IVSS)
Version	V3.001.0000000.1
Software package information	DH_IVSS71XX-M_Eng_V3.001.0000000.1.R.230426
OS requirement	None
Release date	April 28, 2023

1.2 New Features

Feature	Description
Web direction	<p>When configuring cameras, you can directly access the device webpage without entering IP.</p> <ul style="list-style-type: none"> For cameras support logging in without a password, you can directly access the camera configuration page from the IVSS Event and Camera page. For third-party cameras and Dahua cameras that do not support logging in without a password, you can direct access the login page. You can also direct access the IVSS page on the platform.
I-frame thumbnails playback	<ol style="list-style-type: none"> On the playback page hover the mouse on the time axis to view 4 I-frames images before and after the current image. Select one image to play the video of the corresponding time. Hover to the first half of the image, the thumbnail image will disappear.
Display and control of smart rule lines	<ol style="list-style-type: none"> Preview the video window and intelligent panel pop-up Supports intelligent panel of the Intelligent playback. Ordinary playback does not support the function.  <p>Colors indicating different areas:</p> <ul style="list-style-type: none"> Orange for detection area. White for exclusion area. Blue for rule line, and when an alarm is triggered, the line will be red.
SMD	<p>After accessing a camera with SMD function, you can configure, receive, and search for SMD alarms.</p> <ol style="list-style-type: none"> Enable Record Control on the storage plan page. Link the image storage from the linkage items to view image. View SMD records on the intelligent playback page.

Feature	Description
Splits of local live view	Supports up to 64 splits for local live view (up to 16 splits for IVD live view).
Displays recording status	Displays the recording status of channel on the device under the root directory of Camera .  <ul style="list-style-type: none"> Green: the online device is recording. Orange: the online device is not recording. Red: the device is offline.
Added linkage action	The added linkage actions include sound and light alarm linkage, IO alarm, and one-click arming and disarming. When an alarm is triggered, sound and light camera will trigger audio broadcast and warning light. <ul style="list-style-type: none"> Configure play duration and times for audio broadcast. Configure duration of warning light. Configure one-click arming and disarming for I/O alarm. When IO alarm is triggered, one-click arming and disarming will be triggered, and the disarming will be disabled when the event is over.
Change the attributes of smart playback into icon	For example: gender:  ; age:  ; glass: 
17 languages	Supports English, Italian, Spanish (South America), Russian, French (Europe), German, Portuguese (Europe), Polish, Czech, Dutch, Spanish (Europe), Korean, Arabic, Turkish, Thai, Indonesian, and Traditional Chinese.


1.3 Fixed Bugs

None.

1.4 New Feature Details


1.4.1 Web Direction

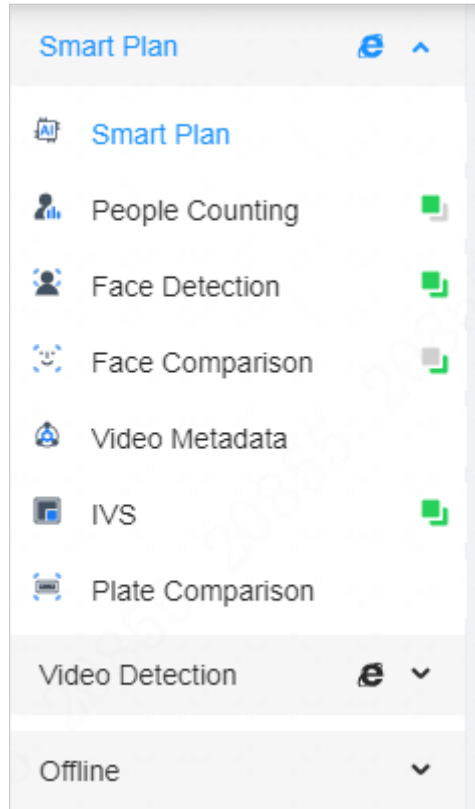
On the **Camera** and **Event** pages, right-click the device on the drop-down list of the device tree, and then select **Open Device Webpage** to jump to the Webpage.

On the **Event** page, select camera channel and click smart plan, video detection, or the icon  near the external alarm to jump to the webpage.



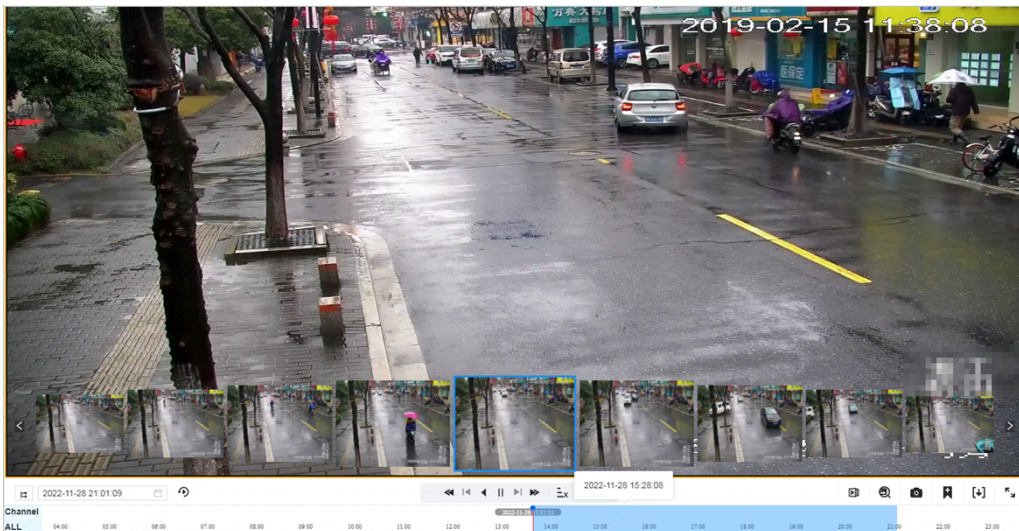
For cameras support logging in without a password, you can directly access the configuring page.

For example, click the icon  to jump to the video detection page.





1.4.2 I-frame Thumbnails Playback

- On the playback page hover the mouse on the time axis to view 4 I-frame images before and after the current image.
- Select one image to play the video of the corresponding time.
- Move to the first half of the image, the thumbnail image will disappear.



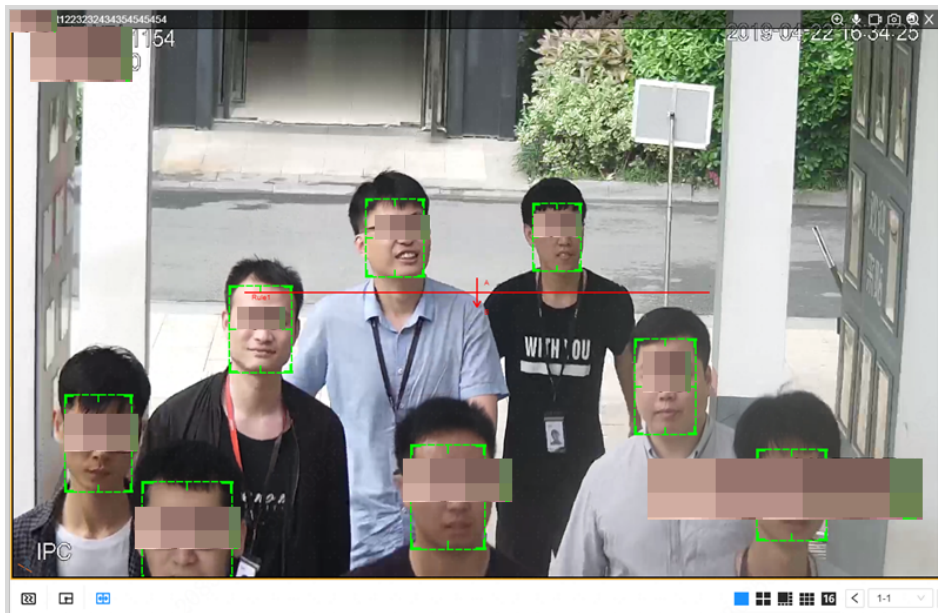
1.4.3 Display and Control of Smart Rule Lines

- Icons on the bottom of the page:

- ◇  : Detection zone/ ecluded zone
- ◇  : Rule line /target box
- Preview video and intelligent panel pop-up.
- Intelligent playback, intelligent panel.



- Ordinary playback does not support the function.
- Different colors indicating different areas:
 - ◇ Orange for detection area.
 - ◇ White for exclusion area.
 - ◇ Blue for rule line, and when an alarm is triggered, the line will be red.



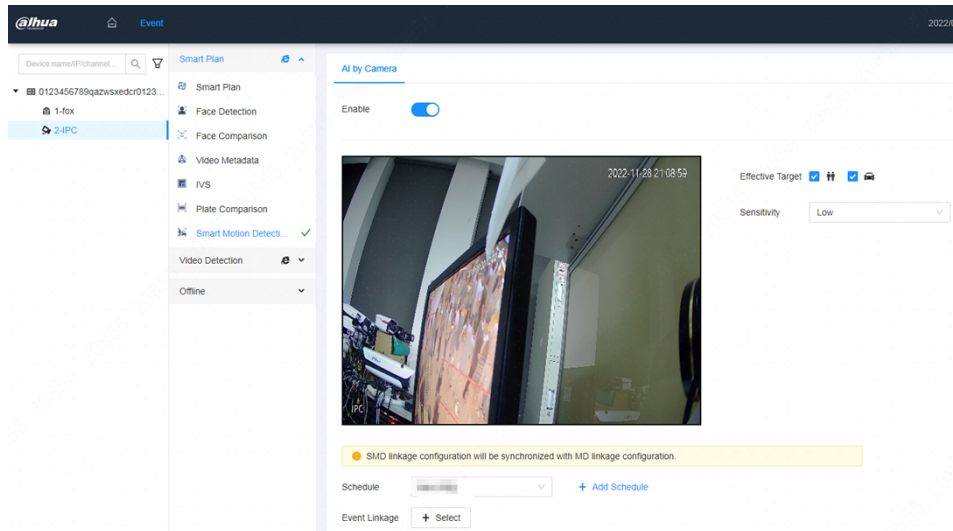
1.4.4 Smart Motion Detection

After accessing cameras supporting SMD, SMD alarms can be configured, received and searched for.

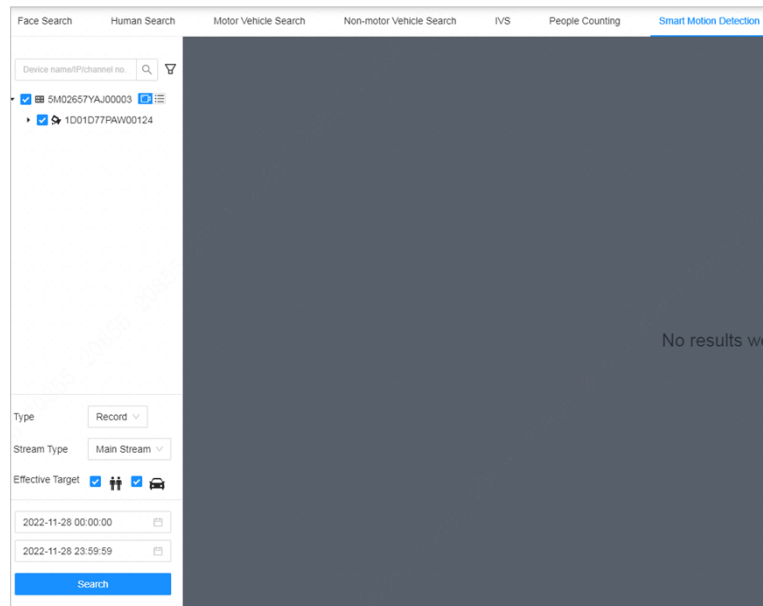
Step 1 Enable **Record Control** in the storage plan.

Device Info		Record Mode									Time Plan			
Channel No.	Camera Na...	Main Stream			Sub Stream 1			Sub Stream 2			General	Record ...	Pre-Recor...	Setting
		<input checked="" type="radio"/> Scheduled	<input type="radio"/> Manual	<input type="radio"/> Close	<input type="radio"/> Scheduled	<input type="radio"/> Manual	<input type="radio"/> Close	<input type="radio"/> Scheduled	<input type="radio"/> Manual	<input checked="" type="radio"/> Close				
1	camera1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	30	
2	camera2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	
3	camera3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	
4	camera4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	
5	camera5	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	

Step 2 Link the image storage from the linkage items to view image.



Step 3 View SMD records on the intelligent playback page.



1.5 Compatibility

This version is V3.001.0000000.0.R, which is compatible with V3.000.0000000.0.R. or earlier versions.

1.5.1 Browser

None.

1.6 Software Environment

Model	Version
DH-IPC-EBW81240-AS-S2	DH_IPC-HX8(7)XXX-FE-Darwin_Chn_NP_V3.000.0000000.1.R.210705.zip

Model	Version
DH-IPC-EW5541-AS DH-IPC-EW4541-AS W	2.6.01.05.57973 DH_IPC-EX5XXX-Leo_Chn_PN_Stream3_V2.800.0000000.40. R.220815.zip
DH-IPC-PDBW8838- B360-E4-2712	2.6.01.05.59223 DH_IPC-HX8(5)XXX-Sag_Chn_PN_V2.800.0000000.10.R.2208 23.zip
DH-IPC-HFW5843F1 -ZYL-PV-AS-2712	2.6.01.05.56469 DH_IPC-HX58XXL-Dalton_Chn_PN_Stream3_V2.820.000000 0.25.R.220629.zip
DH-IPC-HFW8449K- ZVS-LED-0832-S2	DH_IPC-HX5XXX-Volt_Chn_PN_Stream3_V2.820.0000000.5. R.210705.bin
DH-IPC-HFW8449K- ZVS-LED-0832-S2	DH_IPC-HX8(7)XXX-Darwin_Chn_PN_V3.000.0000000.1.R.21 0714.zip
DH-IPC-HFS8841-ZR L-5G-LED-0856	DH_IPC-HX8XXX-5G-Nobel_Chn_PN_V2.800.0000000.14.R.2 10712.zip
DH-IPC-PFW8843-A 180-E4-DC12AC24V	DH_IPC-HX8XXX-Four-Nobel_Chn_PN_Stream3_V3.000.000 0000.2.R.210712.zip
DH-IPC-HF8449F-Z MVS	DH_IPC-HX8(7)XXX-Darwin_Chn_PN_V3.000.0000000.1.R.21 0714.zip
DH-IPC-HFW5443T- AS-P-0210B	2.6.01.05.57105 DH_IPC-HX5(4)(3)XXX-Leo_Chn_PN_Stream3_V2.800.00000 00.39.R.220726.zip
DH-PSDW82449M-A 270-D440-HM-AR	DH_IPC-PSDW8XXXXM-Fafnir_Chn_PN_Stream3_V2.820.000 0000.3.R.210806.zip
DH-IPC-HFW7843X- B-E3-I4-0280B	DH_IPC-HX8XXX-Dual-Lens-Nobel_Chn_PN_V2.800.0000000 .14.R.210712.zip
DH-IPC-MFW88849- ZCHH-E3-2080-S3	DH_IPC-M(H)FW8XXX-Copernicus_Chn_PN_Stream3_V3.000 .0000000.1.R.210708.zip
DH-IPC-HUM7243-R L-BOX1-0280B	2.6.01.05.56816DH_IPC-HX5XXX-Volt_Chn_PN_Stream3_V2. 840.0000000.18.R.220629.zip
DH-IPC-HDW7443X- E2-0200B	2.6.01.05.56816 DH_IPC-HX5XXX-Volt_Chn_PN_Stream3_V2.840.0000000.18 .R.220629.zip
DH-IPC-HFW8449K- ZRL-I4-3512-TGD	DH_IPC-HX8XXX-Dual-Lens-Nobel_Chn_PN_V2.800.0000000 .14.R.210712.zip
DH-2H3400-ADW	2.6.01.05.37045
DH-SD-3A1200-W	2.6.01.05.57658 DH_SD-Leo_Chn_PN_Stream3_V2.811.0000009.0.R.220629.z ip
DH-SD6220-DB-A-S 3	2.6.01.05.52368
DH-SD-6A9432XB-H NR	2.6.01.05.40348

Model	Version
DH-SD-8A1840-HNF-PA-E	2.6.01.05.57984DH_SD-Darwin_Chn_PN_Stream3_V2.821.000004.0.R.220728.zip
DH-SDT-5X425-4Z4-FAZJ-D3E-0832	2.6.01.05.42428
DH-SDT-7C1424-4F-ZBZJ-AD3EV-0400	2.6.01.05.46639
DH-PTZ-4M231-HNR-XA-DGHW	2.6.01.05.42320
DH-SDT-8P440-12P2-WA-EHJ	2.6.01.05.19987
DH-SD-8A1440-HNP-QACG-D3E	2.6.01.05.41144
DH-SD-8A1440WA3-HNP(JC)-EK	2.6.01.05.20605
DH-SD-8A1440-HNT-XA-E	2.6.01.05.42474
DH-PTZ-4M231-HNR-XA-DGHW	2.6.01.05.33942
DH-TPC-BF1241	DH_TPC-DF1241-TB-S2_MultiLang_NP_V2.650.0000000.6.R.220817.zip
DH-TPC-PT8X4FMA	DH_TPC-PT8XX1MA-B-S2_Chn_P_V2.650.0000000.1.R.220920.zip
DH-TPC-PT8X41D	DH_TPC-PT8XX1D-B-S2_Chn_P_V2.650.0000000.3.R.220831.zip
ITC902-RF5G	2.6.01.08.13489 General_ITCXX2-RF5G-A1(C4)_Chn_P_GAVI_V2.2_V4.006.000000.0.R.220723.zip
ITC902-AF5F	2.6.01.08.13044 General_ITCXX2-AF5F-C3_Chn_P_GAVILXSJGRP_V2.923.000000.2.R.220622.zip
Imou	V5.5.0.1019
DSS7016D-I	2.7.01.01.01869 General_SMARTDSS7XXX_Chn_Basic_V1.007.0000000.0.R.20211110.tar.gz
DSS C9100	2.7.01.03.12403 General_DSSC9100_MultiLang_V3.008.0000001.4.R.210625.tar.gz
DSS C9505	2.7.01.02.01414 General_VideoCloud-FaceSaas_V2.001.0000003.2.R.200306.tar.gz
C9200	2.7.01.03.11473 General_DSSC9200_VideoExSaaS_V3.007.0000000.4.R.210316.tar.gz

Model	Version
ICC-B8900	2.7.01.01.02686 General_ICC-Common-Face_Basic_Chn_IS_V1.001.0000001.0.R.20220811.tar.gz
DHI-NKB5000	2.6.01.09.00662 General_NKB5000_MultiLang_V3.212.0000001.0.R.200318.BIN
ConfigTool	2.8.02.01.00988 General_ConfigTool_ChnEng_V5.001.0000001.0.R.20220728.zip
SmartPlayer	2.8.02.01.00859 General_SmartPlayer-Win32_Chn_IS_V4.001.0000003.0.R.220225.zip
DH-NVD0405DH-2I-4K	2.6.01.09.00598 General_VideoNexus-NVD0405DH-2I-4K_Eng_BURN_V3.201.0000000.0.R.191127.zip
DH-NVD1205DH-4I-4K	2.6.01.11.00364 General_VideoNexus_Eng_NVD_SDA_V3.203.0000000.5.R.191021.BIN
DH-VTO9541D-V1	2.6.01.18.11801
DH-VTO7541G-V1	2.6.01.18.11801
DH-VTO6541H	2.6.01.18.11658
DH-VTO9651I	2.6.01.18.10069
DH-VTO2201F-P	2.6.01.18.08757
DH-VTO2211G-P	2.6.01.18.08885
DH-ASI8213S-W	2.6.01.18.12078
DH-ASI3213GL-MW	2.6.01.18.10604
DH-ASI6213J-MW	2.6.01.18.10589
DH-ASI3203Y	2.6.01.18.09807
DH-ASI7213X	2.6.01.18.09938
DH-LDH22-SAI200	2.6.01.11.01426

1.7 Pending Issues

None.

1.8 Update Guide

The product supports update by configtool/PC client/USB flash disk. Do not power off during the update. All intelligent transactions will be suspended during the update. For specific operation procedures, please refer to the Intelligent Video Surveillance System Update Guide.

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

Address: No.1187, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Postcode: 310053

Tel: 400-672-8166

Email: overseas@dahuatech.com

Website: www.dahuatech.com