



IVSS V2.004.0000000.0

Release Notes



Legal Information

Copyright

© 2021 ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD. All rights reserved.

This document cannot be copied, transferred, distributed, or saved in any form without the prior written permission of Zhejiang Dahua Vision Technology Co., LTD (hereinafter referred to as "Dahua").

The products described in this document may contain the software that belongs to Dahua or the third party. Without the prior written approval of the corresponding party, any person cannot (including but not limited to) copy, distribute, amend, abstract, reverse compile, decode, reverse engineer, rent, transfer, sublicense the software.

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, and the actual product shall prevail.
- Succeeding products and release notes are subject to change without notice.
- If there is any uncertainty or controversy, please refer to our final explanation.

Table of Contents

Legal Information.....	1
Release Notes	1
1.1 Overview	1
1.2 New Features	1
1.3 Fixed Bugs.....	1
1.4 New Feature Details	1
1.4.1 Audio and Light Alarm.....	1
1.4.2 Talk.....	2
1.4.3 Video Diagnosis.....	3
1.5 Compatibility	4
1.6 Software Environment.....	5
1.7 Pending Issues.....	6
1.8 Update Guide	6

Release Notes

1.1 Overview

Item	Description
Product name	Intelligent video surveillance server
Version	V2.004.0000000.0.R
Software package information	DH_IVSS7XX_Eng_V2.004.0000000.0.R.211021
OS requirement	None
Release date	October 23, 2021

1.2 New Features

Feature	Description
Audio and light alarm	Associates with the camera that supports this function to perform audio and light actions.
Talk	Supports voice interaction between the Device and the platform, cameras, and mobile phones.
Video Diagnosis	Detects 13 types of video quality events, such as tampering, scene change, video jitter, and noise.

1.3 Fixed Bugs

None.

1.4 New Feature Details

1.4.1 Audio and Light Alarm

When an alarm occurs, the system associates with the remote device to perform audio and light actions.

Step 1 Select a device that supports audio and light alarm, and then select **IVS > AI by Camera**.

Step 2 Click **Actions** and select **Camera Audio** and **Remote Warning Light**.

Figure 1-1 Camera audio

Camera Audio	
File Name	alarm.wav
Play Mode	PlayTimes 3 (1-10)

Figure 1-2 Remote warning light

Remote Warning Light			
Mode	Flicker	Flicker Frequency	Middle
Duration	10	Second (5-30)	

Step 3 Configure the parameters.

1.4.2 Talk


The Talk function enables voice interaction between the Device and remote devices, improving the efficiency in handling emergency events.

Step 1 Log in to PCAPP.

Step 2 Open a view on the **Live** page.

Figure 1-3 Talk



Step 3 Click  at the upper-right corner of the view window to enable the Talk function. Click again to disable the function.

1.4.3 Video Diagnosis

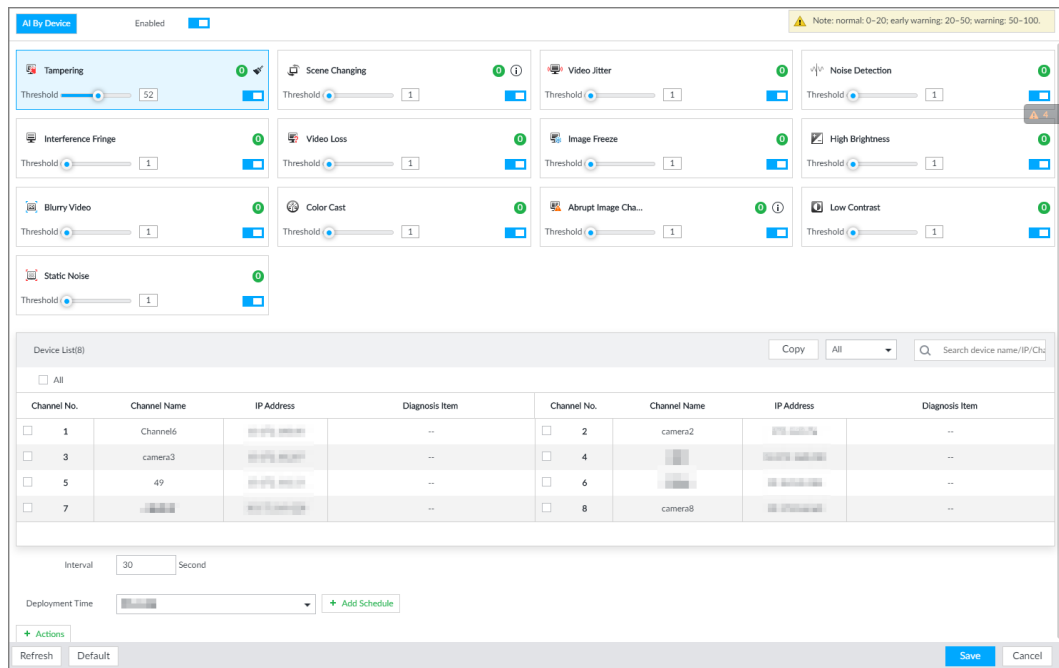
The Device can analyze and trigger alarm against blurry image, tampering, color cast and more, and then generate statistics reports.

Configuring Video Diagnosis

After enabling video diagnosis, the Device triggers an alarm when the video quality is affected by blurry image, tampering, color cast and more.

- Step 1** Log in to PCAPP.
- Step 2** Click or click on the configuration page, and then select **EVENT**.
- Step 3** Select the root node in the device tree on the left.
- Step 4** Select **AI Application > Video Diagnosis**.

Figure 1-4 Video diagnosis



- Step 5** Click to enable video quality analysis.
- Step 6** Configure the parameters
 - 1) Click to enable a type of video quality analysis, for example, tampering.
 - 2) Set the threshold.
 - 3) On the device list, select one or more devices.
 - 4) Set the interval.
- Step 7** Click the **Deployment Time** drop-down list to select a schedule.
After setting the deployment time, only an alarm occurring within the schedule triggers linkage actions.



If no schedule is added or the added schedule does not meet actual needs, click **Add Schedule**.

Step 8 Click **Actions** to set alarm linkage actions.

Step 9 Click **Save**.

Viewing AI Report

You can view the daily, monthly, or yearly video diagnosis statistics report of specific devices.

Step 1 On the **Live** page, click **+** and then select **AI Report > Video Diagnosis**.

Step 2 Select a device and diagnosis type.

Step 3 Select **Daily, Monthly, Yearly** and then set a specific date, month or year.

Step 4 Click **OK**.

The diagnosis statistics are displayed in a statistical chart. You can view the channel name and diagnosis time on the list below the chart.





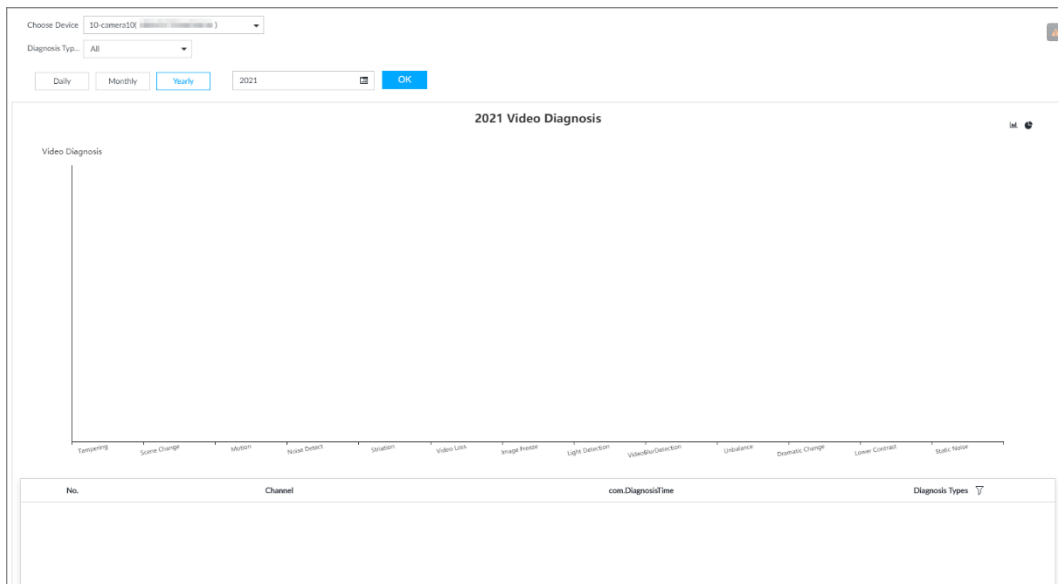
- Click  to display the statistics in a bar chart.
- Click  to display the statistics in a pie chart.

Figure 1-5 AI report



1.5 Compatibility

This version is V V2.004.0000000.0.R, which is compatible with V2.003.0000000.0.R or earlier versions.

1.6 Software Environment

Model	Version
DH-IPC-EBW81230P DH-IPC-EBW81230N	2.6.01.05.17336 DH_IPC-HX8XXX-Nova2_EngSpnFrn_NP_Stream3_V2.622.0000000.9.R.191210.zip
DH-IPC-HFW5241TP-AS-P V-0360B	2.6.01.05.24482 DH_IPC-HX5XXX-Volt_MultiLang_PN_Stream3_V2.800.0000000.19.R.200709.zip
DH-IPC-HFW5241EP-ZE-2 7135	2.6.01.05.26353 DH_IPC-HX5XXX-Volt_MultiLang_PN_Stream3_V2.800.0000000.20.R.200903.zip
DH-IPC-HF7442FP-FR	2.6.01.05.21691 DH_IPC-HX8XXX-Nobel_MultiLang_PN_V2.800.0000000.5.R.200525.zip
DH-IPC-PFW83242N-A18 0-E4	2.6.01.05.27624 DH_IPC-PFW832XX-Fafnir_MultiLang_NP_Stream3_V2.800.0000000.2.R.200927.zip
DH-PSDW81642M-A360- D440 DH-PSDW8842M-A180-D 440	2.6.01.05.26094 DH_IPC-PSDW8XXXL-Fafnir_EngSpnFrn_PN_Stream3_V2.800.0000000.3.R.200828.zip
IPC-HDW8341XN-3D-028 0B-S2	2.6.01.05.28259 DH_IPC-HX8XXX-Dual-Lens-Nobel_MultiLang_NP_V2.800.0000000.12.R.201022.zip
DH-SDT5X425-4Z4-WA-2 812	2.6.01.05.22787 DH_SD-Fafnir_MultiLang_PN_Stream3-LingxiV2_V2.810.0000008.2.R.200603.zip
DH-TPC-BF1241	2.6.01.05.27812 DH_TPC-BF1241-TB_MultiLang_NP_V2.630.0000000.0.R.201013.zip
DH-TPC-PT8421A	2.6.01.05.24525 General_TPC-PT8X21A-TB_MultiLang_PN_V2.630.0000000.3.R.200721.zip
DHI_ITC215_PW6M_IR_L ZF	2.6.01.08.05976 General_ITC215-PW6M-XXX_Eng_PN_Oversea_ITCPUSH_Europe_V2.623.0000000.0.R.200521.zip
ITC952_AU3F_IRL	2.6.01.08.05590 General_ITCX52-AF3F_Eng_P_Oversea_V2.822.0000000.0.R.200414.zip
ConfigTool	2.8.02.01.00366 General_ConfigTool_ChnEng_V4.011.0000003.6.R.20200114.zip
DSS PRO	2.7.01.02.02126General_DSS-Pro_Win64_IS_V8.000.0000001.0.R.20201215.exe
DMSS	v1.91.001

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, see *Intelligent Video Surveillance System Update Guide*.

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

Address: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Postcode: 310053

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

Website: www.dahuasecurity.com