Eos Software Baseline V2.810.0000000.4.R.200509

Release Note

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

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Release Note

1 Overview

Item	Description
Product name	Eos
Model	2.810.0000000.4.R
Version	2.810.0000000.4.R
Software package information	DH_SD-Eos_MultiLang_PN_Stream3_V2.810.0000000.4.R.200509.zip； DH_SD-Eos_MultiLang_NP_Stream3_V2.810.0000000.4.R.200509.zip； DH_SD-Eos-Civil_MultiLang_PN_Stream3_V2.810.0000000.4.R.200509.zip； DH_SD-Eos-Civil_MultiLang_NP_Stream3_V2.810.0000000.4.R.200509.zip
Safety baseline version	2.1
OS requirement	None
Release date	2020-05-09

2 New Features

Feature	Description
1	No plug-in program phase 2: High-version browsers can play live view videos without installing plugins.
2	Support：Self-diagnose device failure, and then generate a failure code (if any) for troubleshooting.
3	Add RTP and TS multicast configuration interface.
4	The duration of the preset title displaying on the screen can be set to Disable, 5s, 15s, Display Permanently, or Custom.
5	Improve the quality of recorded videos transmitted to back-end devices (such as NVRs) with ANR function.
6	Users can connect the third party platforms to play live video of the device through RTMP protocol.
7	PTZ speed configured on the web interface only applies to manual control speed.
8	Special presets serve as the shortcut for some special functions switch or calling, and they no longer represent the location of the PTZ camera.
9	Move the Auto Tracking interface from PTZ Function interface to Smart Plan interface.

10	Snapshot by location: Only snapshots for certain locations will be stored.
11	Users can set the MTU value to ensure good data transmission according to the network.
12	Safety baseline 2.1 improves the program security level from authentication, confidentiality, integrity and other aspects.
13	Even transmission strategy: Transmit TCP and UDP streams evenly to alleviate the problem of stuck screen when network bandwidth is limited.
14	Add time zone and time settings during initialization process.

3 Fixed Bugs

Fixed Bugs	Description
After users configure FTP and click test, the system prompts that operation failed.	Obtain FTP and SFTP names dynamically.

4 Compatibility

4.1 Program

Compatible with earlier versions, but later versions cannot return to versions earlier than 2.800.

4.2 Browser

With plug-in: IE9\IE10\IE11\Firefox\Chrome (Use Chrome under V42, and Firefox under V52).

Without plug-in: Chrome later than Chrome 42, Firefox later than Firefox 52, and win10-edge.

4.3 Third Party Access

- CGI testing tool version: V3.01.4
- ONVIF testing tool version: V19.06
- ONVIF: Supports ProfileG, Profile S and Profile T
- MILESTONE: Supports XPreotect Management Client 2018R3
- GENETEC: Supports Security_Center_v_5_7_SR4_b946_15_Full

5 Software Environment

Platform	Model	Version
Tool	ConfigTool	General_ConfigTool_ChnEng_V4.011.0000003.5.R.20190722.zip
NVR	NVR5432-I	DH_NVR5XXX-I_Chn_P_V4.000.0000000.1.R.20190809

Platform	Model	Version
	DH-NVR4416-4K2	DH_NVR4XXX-4KS2_Chn_V4.000.0000001.5.R.191218
IVSS	DH-IVSS708	DH_IVSS7XX_Chn_V2.000.0000002.0.R.191206.BIN
DSS	DSS	General_DSSC9100_MultiLang_V3.000.0000008.2.R.190603 General_DSS-H8900_V3.001.0000002.10.R.1238480
	DSSSmart7016	General_SMARTDSS7XXX_Chn_Basic_V1.002.0000002.1.R.20191220
	DSS PRO	V7.002.0000003.0.R.20191008.1362698
DMSS	DMSS	gdmss 4.31.000/4.90.000 idmss 4.91.002

6 Pending Issues

No.	Issue Description	Possible Result	How to Fix
1	When users download a one-minute recorded video, the downloaded file is 30 minutes and up to 153 MB occasionally.	Videos can be downloaded normally if starting time and ending time of the video packet is avoided.	When downloading videos with API command, do not set the API starting time and ending time of the video packet as that of the command.

7 Upgrade Guide

This platform supports dual backup. Try to keep the power on during update.
Later versions cannot return to versions earlier than 2.800