NVR5X-I
V3.216.0000003.0. R

Release Notes

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

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1.1 Overview

Item	Description
Product model	NVR5X-I series
Version	V3.216.0000003.0.R.20190429
Software package information	DH_NVR5XXX-I_MultiLang_V3.216.0000003.0.R.20190429.zip
OS requirement	None
Release date	5/10/2019

1.2 New Features

Feature	Description
1	Comply with security baseline V1.4.
2	Support multi-sensor cameras
3	Support connecting, live viewing, and interacting with gen2 panoramic network cameras
4	Support connecting and live viewing with panoramic smart tracking system, and perform positioning and zooming by selecting an area
5	Added picture storage
6	Support people counting and in-area people counting
7	Support connecting and live viewing with AI fish eye network cameras, and perform people counting, reports export, and heat map
8	Optimized disk transferring strategy
9	Face database restrictions: Mas items: 100,000 or max storage: 25G
10	Face expression properties changed to 8, including Angry, Sad, Disgusted, Scared, Surprised, Calm, Happy, Confused
11	Optimized AI preview and AI playback
12	Support displaying or hiding IVS rulers in AI playback
13	Optimized video structurization

1.3 Fixed Bugs

Fixed bugs	Description
The video playback displays no image when there are more than 16 channels.	The issue is caused by HiSilicon patch. Bug is fixed by Updating HiSilicon patch.
When using AI by NVR, the modeling fails occasionally when adding face snapshots to the face database.	Fixed this issue by updating the version and the model of face detection algorithm.
The reverse playback automatically forward when using SmartPSS.	Updated to V2 reverse playback.

The times in the exported vehicle, human, and non-motor vehicle detection reports are displayed as timestamps.	Configured a certain column of the exported file for the proper data format.
The live view display error when using SmartH265 for certain network cameras.	Update the camera system.

1.4 Compatibility

- Older version can update to this version, and once updated, it cannot update back to any other older version.
- The domestic version and overseas version cannot share the same update.

1.5 Software Environment

None.

1.6 Pending Issues

No.	Issue description	Possible result	How to fix
1	The same face will be reported several times when using face detection by camera and face recognition by NVR at the same time.	The same face will be reported several times.	Try to keep no more than one face in each snapshot.
2	The rulers flash abnormally when enabling car plate recognition with camera and tripwire with NVR at the same time.	The rulers flash abnormally.	Try to enable only one smart rule for the same video channel.
3	During playback, failed to take snapshots for videos with resolution of 4000×3000.	During playback, failed to take snapshots for videos with resolution higher than 1920×1080.	Try to keep the video resolution no more than 1920×1080.
4	On web interface, the playback speed of H.265 coded videos stays 1.5x when being configured to 2x or 4x.	H.265 coded videos speed up playback error on web interface.	Upgrade the computer to better performance.
5	The mouse tracking displays when drawing IVS rulers.	Minor.	Tracking disappears after drawing.

1.7 Update Guide

None

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