



# **NOBEL V3.000.0000000.1.R.210623**

## **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

<b>Legal Information.....</b>	<b>1</b>
<b>Release Notes .....</b>	<b>1</b>
1.1 Overview .....	1
New Features .....	1
1.3 Fixed Bugs.....	2
1.4 Compatibility.....	2
1.4.1 Program.....	2
1.4.2 Browser.....	2
1.4.3 Third Party Access.....	3
1.5 Software Environment.....	3
1.6 Pending Issues.....	3
1.7 Update Guide .....	4

# Release Notes

## 1.1 Overview

Item	Description
Product model	Nobel platform series
Version	V3.000.0000000.1.R.210623
Software package information	DH_IPC-HX8XXX-Nobel_MultiLang_PN_V3.000.0000000.1.R.210623.zip DH_IPC-HX8XXX-Nobel_MultiLang_NP_V3.000.0000000.1.R.210623.zip
OS requirement	None
Release date	June 30, 2021

## New Features

Features	Description
Face & body detection and PPE detection	<ul style="list-style-type: none"> <li>PPE detection.</li> <li>General mode: General face &amp; body detection.</li> </ul>
Face recognition and advanced customer counter	<ul style="list-style-type: none"> <li>General mode: General face recognition, which supports non-living filtering and target box overlay. It also supports configuring event report and email linkage according to database.</li> <li>Counting mode: Except general face databases, there are two default function databases <b>AllPeople</b> database and <b>ExcludePeople</b> database, therefore, 3 types of databases are supported. It supports 7 databases consisting of 50,000 images.</li> <li><b>AllPeople</b> database and <b>ExcludePeople</b> database cannot be deleted.</li> </ul>
Target direction statistics	<p>On the global configuration interface of video metadata, you can enable <b>Tripwire Counting</b>, and select direction according to the actual scene.</p> <ul style="list-style-type: none"> <li>With <b>Tripwire Counting</b> enabled, the snapshot mode for human, motor and non-motor vehicle detection is switched to <b>Tripwire</b>.</li> <li>With <b>Tripwire Counting</b> disabled, video metadata configuration will restore to general settings.</li> </ul>
Dahua file system	Supports Dahua file system (DHFS).
Privacy masking	Supports mosaic block and color lump. You can draw up to 8 color lumps and 4 mosaic blocks. Mosaic only supports drawing rectangles, and color lump

	supports drawing polygons.
Updated ANPR 1.0 algorithm	<ul style="list-style-type: none"> <li>Switched to European algorithm.</li> <li>Updated motor vehicle attributes: Supports detections of license plate, vehicle color, vehicle type, vehicle logo, seatbelt, smoking, and calling.</li> </ul>
Updated video tampering algorithm	<ul style="list-style-type: none"> <li>Updated video tampering algorithm on the video detection interface.</li> <li>Added covered area and duration parameters.</li> </ul>

## 1.3 Fixed Bugs

Fixed Bugs	Description
Compatibility of earlier and later versions	If the version earlier than V3.000.0000000.1.R.210517 is updated to V3.000.0000000.1.R.210517 or later, AI configuration of ANPR cannot be sent. You must restore to the default settings before the configuration can be send normally.
Auto-delete fault for <b>AllPeople</b> database	After setting the auto-delete time for <b>AllPeople</b> database, it does not automatically delete information according to the set time. For example, set auto-delete time as 7 days, but it deletes information every day.

## 1.4 Compatibility

### 1.4.1 Program

- For IPC-HX71242X:  
2.6.01.05.22457:DH\_IPC-HX8XXX-Nobel\_MultiLang\_NP\_V2.800.0000000.5.R.200525.zip  
2.6.01.05.21691:DH\_IPC-HX8XXX-Nobel\_MultiLang\_PN\_V2.800.0000000.5.R.200525.zip
- For IPC-HF74(8)42X , IPC-HFW74(8)42X , IPC-HDBW74(8)42X:  
2.6.01.05.22457:DH\_IPC-HX8XXX-Nobel\_MultiLang\_NP\_V2.800.0000000.5.R.200525.zip  
2.6.01.05.21691:DH\_IPC-HX8XXX-Nobel\_MultiLang\_PN\_V2.800.0000000.5.R.200525.zip
- For IPC-HF74(8)(12)42X , IPC-HFW74(8) (12)42X , IPC-HDBW74(8) (12)42X:  
2.6.01.05.35911: DH\_IPC-HX8XXX-Nobel\_MultiLang\_NP\_V3.000.0000000.1.R.210517.zip  
2.6.01.05.35909: DH\_IPC-HX8XXX-Nobel\_MultiLang\_PN\_V3.000.0000000.1.R.210517.zip

### 1.4.2 Browser

- WIN7+ Chrome 86
- WIN7+ Firefix88
- WIN7+ IE9/IE10/IE11

### 1.4.3 Third Party Access

- CGI testing tool version: V2.91.0.8
- ONVIF testing tool version: V20.06
- ONVIF: Supports ProfileG, T, S
- MILESTONE 2020R3

### 1.5 Software Environment

Platform	Model	Version
SDK	Net SDK	General_NetSDK_Eng_Win64_IS_V3.052.0000002.0.R.200923.7z General_NetSDK_Eng_Win32_IS_V3.052.0000002.0.R.200923.7z
	Playsdk	General_PlaySDK_Eng_Windows64_IS_V3.044.0000000.1.R.210312.zip General_PlaySDK_Eng_Windows32_IS_V3.044.0000000.1.R.210312.zip
NVR	NVR5X-I/L	DH_NVR5XXX-IL_MultiLang_V4.002.0000000.0.R.210419.zip (informal Release)
NVR	NVR5X-4KS2	Customer_NVR5XXX-4KS2_MultiLang_DH_V4.000.0000000.0.R.20200114.zip
EVS	EVS71	DH_EVS71XX_Eng_V4.001.0000002.0.R.200909.BIN
IVSS	IVSS7XX	DH_IVSS7XX_Eng_V2.002.0000000.0.R.201106.zip
APP	DMSS	IOS: Download the latest version on App Store Android: Download the latest version on Google Play.
Tools	Player	General_SmartPlayer-Win32_Eng_IS_V4.001.0000001.0.R.200916.zip
	ConfigTool	General_ConfigTool_ChnEng_V5.000.0000001.6.R.20210126.zip
DSS	DSS Pro	General_DSS-Pro_Win64_IS_V8.000.0000001.0.R.20201215.exe
NVD	DH-NVDxx05D H-4K	General_VideoNexus-NVD0405DH-2I-4K_Eng_V3.200.0000000.11.R.190321.BIN

### 1.6 Pending Issues

No.	Issue Description	Possible Result	How to Fix
1	Abnormal face recognition report exported through IE9.	When using IE9 browser, with <b>Counting Mode</b> enabled, the face recognition report exported is abnormal.	Use another browser such as Google Chrome
2	Abnormal display of web interface on IE9.	After switching language on IE9, occasionally some interfaces	Clear browser cache

---

		cannot be loaded.	
--	--	-------------------	--

## 1.7 Update Guide

- Do not disconnect the network, reboot and turn off the camera during update.
- When upgrading with the false file, you need to reboot the device, otherwise some functions might be disabled.

**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](mailto:overseas@dahuatech.com)

Website: [www.dahuasecurity.com](http://www.dahuasecurity.com)