



Thermal Network Eyeball Camera  
V2.630.0000000.0  
Release Notes

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

# Legal Information

## Copyright

© 2020 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 be "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>I</b>
<b>Release Notes .....</b>	<b>1</b>
1.1 Overview .....	1
1.2 New Features .....	1
1.3 Fixed Bugs .....	1
1.4 Compatibility.....	2
1.4.1 Program .....	2
1.4.2 Browser.....	2
1.4.3 Third Party Access.....	2
1.5 Software Environment.....	2
1.6 Pending Issues.....	3
1.7 Update Guide.....	3

# Release Notes

## 1.1 Overview

Item	Description
Product model	Thermal Network Eyeball Camera
Version	V2.630.0000000.0
Software package information	PAL: DH_TPC-DF1241-TB_MultiLang_PN_V2.630.0000000.0.R.201013.zip NTSC: DH_TPC-DF1241-TB_MultiLang_NP_V2.630.0000000.0.R. 201013.zip
OS requirement	None
Release date	2020-10-27

## 1.2 New Features

Feature	Description
Video Encoding	<ul style="list-style-type: none"><li>Thermal: Main stream: 1280 × 960 (1.3M)/XVGA (1024 × 768)/VGA (640 × 480)/256 × 192 Sub stream: VGA (640 × 480)/256 × 192</li><li>Visual: Main stream: 2336 × 1752/1080P (1920 × 1080)/720P (1280 × 720)/D1 (704 × 576) Sub stream: 720P (1280 × 720)/D1 (704 × 576)/CIF (352 × 288)</li></ul>
Smoke Detection	Detects smokers through visible light head recognition combined with thermal fire point detection and trigger alarms.
Calling Detection	Detects callers through the visible light and trigger alarms.
Temperature Measurement	Provide remote temperature monitoring functionality with the ability to set temperature threshold alarms. The temperature range is between -20 °C to 400 °C.

## 1.3 Fixed Bugs

Fixed Bug	Description
When the resolution of the default stream is D1, the stream of the visible channel is lost after power-off and restart.	Resolution tailoring causes the anomaly of the resolution initialization. Modify the logic of the resolution initialization, and initialize the resolution according to the original resolution.
The displayed frame rate during printing does not match the actual frame rate.	Sensor register configuration is abnormal; modify the sensor register configuration list.

## 1.4 Compatibility

### 1.4.1 Program

V2.630.0000000.0, first release.

### 1.4.2 Browser

IE8/IE9/IE10/IE11/Firefox (V42 or earlier)/Google (V33-V42)/Apple (V10 or earlier)

### 1.4.3 Third Party Access

- CGI testing tool version: V3.01.5.R
- ONVIF testing tool version: V18.06
- ONVIF: Supports ProfileG, ProfileS
- MILESTONE testing tool version: Xprotect Corporate 2018,device pack 9.6a
- GENETEC testing tool version: Security Desk 5.7 GA

## 1.5 Software Environment

Matching Type	Matching Device Model	Software version
NVR	NVR4X	DH_NVR4XXX-4KS2_MultiLang_V4.000.0000001.5.R.191218.zip
	NVR5X-4KS2	DH_NVR5XXX-4KS2_MultiLang_V4.000.0000001.5.R.20191218.zip
DSS Express	DSS Express	General_DSS-Express_win32_IS_V1.000.00000003.1.R.20190817.exe
DSS Pro	DSS Pro	General_DSS-PRO_Win64_IS_V7.002.0000005.1.R.20200703.exe
SmartPSS	SmartPSS	General_SMARTPSS-Win32_ChnEng_IS_V2.003.0000001.0.R.191028.zip
		General_SMARTPSS-Win64_ChnEng_IS_V2.003.0000001.0.R.191028.zip
DMSS	DMSS	V1.5.000 in the Apple App Store and Android Google application market.

## 1.6 Pending Issues

No.	Issue description	Possible result	How to fix
1	[04.18] [Intelligence] There are some missing detections and false detections under certain conditions during the IVS detection rate test.	According to the actual scenes and video observations, the missing detections mainly occur in the crowded situation. Due to the adhesion, there will be missing detections. But not all targets missed, so the impact is small.  False detections usually occur among static targets, which can be avoided by methods such as size filtering, drawing exclusion areas, and redrawing detection areas.	No solution for missing detections.  False detections can be avoided by methods such as size filtering, drawing exclusion areas, and redrawing detection areas.
2	[1.9] [Visible] [Day & Night] The Day & Night switching time is longer than that of IPC.	The Day & Night switching time is slightly longer.	Manually adjust the switching waiting time of the Day & Night mode.
3	[1.9] [Thermal] [Flashing] Image and video flash under bright scenes.	Image flashing causes poor visual effect.	<ul style="list-style-type: none"> <li>• Optimize the sensor according to the new plan;</li> <li>• Optimize the image.</li> </ul>

## 1.7 Update Guide

Refer to the upgrade 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](mailto:overseas@dahuatech.com)

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