4K Series Taurus V3.140.0000000.7.R.2312 24

Release Notes

V1.0.0

1 Release Notes

1.1 V3.140.000000.7.R.231224

Release Date

January 8, 2024

New Features

- Full-Color Dual-Lens Splicing Bullet WizMind Network Camera supports enabling and disabling LLDP on DoLynk Care.
- Full-color Fixed-focal Warm LED Eyeball WizMind Network Camera, Bullet Network Camera, and Explosion Proof IR Dome WizMind Network Camera support enabling and disabling LLDP on DoLynk Care.

Optimized Features

• The splicing angle of Full-Color Dual-Lens Splicing Bullet WizMind Network Camera is optimized from 170° to 175°, and the splicing performance is verified and optimized.

Fixed Bugs

- The milestone certification test of Explosion-proof IR Bullet WizMind Network Camera and Vandal-proof Dome Camera Network Camera failed.
- The splicing image of Eyeball Network Camera was blurred.

Third-Party Access

- ONVIF testing tool: V22.12
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2
- GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.2 V3.140.000000.4.R.231122

Release Date

December 7, 2023

New Features

None.

Optimized Features

• Reduce false alarms triggered by static targets for series 3 cameras.

Fixed Bugs

• None.

Third-party Access

- ONVIF testing tool: V22.12
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2
- GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.3 V3.140.000000.3.R.231121

Release Date

December 2, 2023

New Features

- Series 3 cameras: Add AI-SSA 2.0 function and SMD QuickPick switch, and optimize IVS which includes switching between indoor and outdoor models and detecting without distinguishing target types.
- Series 5 full-color products: Enable auto long exposure by default.
- Series 3XXX-S5 cameras: Supports AcuPick.

Optimized Features

• None.

Fixed Bugs

- Series 3 cameras: Fixed the issue of overexposed images.
- Series 4 cameras: Fixed the issue of ONVIF verification failure and other general problems caused by DST configuration.
- 8-series 4 MP dual-lens network cameras: Fixed the issue that there were no streams accidentally.

Third-party Access

- ONVIF testing tool: V22.12
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2

• GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.4 V3.140.000000.2.R.231108

Release Date

November 22, 2023

New Features

• None.

Optimized Features

• Reduced the image noise for 8-series 4 MP dual-lens network cameras.

Fixed Bugs

• Fixed the issue that the calibration failed in the production line for 8-series 4 MP dual-lens network cameras.

Third-party Access

- ONVIF testing tool: V22.12
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2
- GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.5 V3.120.000000.41.R.231020

Release Date

November 2, 2023

New Features

• None.

Optimized Features

• None.

Fixed Bugs

• Fixed the issue of memory leak caused by enabled AI functions for series 5 full-color products.

Third-party Access

- ONVIF testing tool: V22.12
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2
- GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.6 V3.120.000000.38.R.231008

Release Date

October 17, 2023

New Features

• AcuPick is added for series 5 full-color products.

Optimized Features

None.

Fixed Bugs

• None.

Third-party Access

- ONVIF testing tool: V22.12
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2
- GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.7 V3.120.000000.36.R.230828

Release Date

September 6, 2023

New Features

• 5G K1 bullet cameras support updating 4G and 5G module firmware update, Microcom and module log tools. The camera automatically goes online after you top up the SIM card.

Optimized Features

• Fixed the issue of blocks on face images for series 5 full-color products.

Fixed Bugs

• Fixed the issues of missing splicing files in the product line and incorrect port number for login without password in 4K Dual Image Splicing Camera.

Third-party Access

- ONVIF testing tool: V22.06
- ONVIF: Supports Profile S, T, G, M
- Milestone testing tool: Milestone XProtect Corporate 2019 R2
- GENETEC testing tool: Security Center Version 5.7SR1(5.7.529.12)

1.8 Software Environment

Category	Model	Version
	NVR2X-I	2.6.01.02.16209 DH_NVR2XXX-I_Mul_V4.002.0000000.1.R. 220211.zip
	NVR4X-4KS2	2.6.01.02.14935 DH_NVR4x-4KS2L_MultiLang_V4.001.0000001.2.R.211105.zip
NVR	NVR5X-4KS2	2.6.01.02.13884 DH_NVR5XXX-4KS2_MultiLang_V4.001.0000007.1.R.210827.zip
	NVR5X-4KS3/I	2.6.01.02.23030 DH_NVR5XXX-4KS3-I_Chn_V4.000.0000000.1.R. 230620.zip
	NVR4X-EI	2.6.01.02.20345 DH_NVR4x-EI_MultiLang_V4.001.0000000.0.R. 221124.zip
	NVR5X-I/L	2.6.01.02.16129 DH_NVR5XXX- IL_MultiLang_V4.002.0000000.2.R.220211.zip
	DSS Pro	2.7.01.02.03965 General_DSS- Professional_Patch_Installer_V8.002.0000000.0.R.20230317.exe
660	DSS Express	2.7.01.02.02822 General_DSS- Express_win32_IS_V8.000.000004.0.R.20211119.exe

Category	Model	Version
Арр	DMSS	Online versions.
	SmartPlayer	2.8.02.01.00493 General_SmartPlayer- Win32_Eng_IS_V4.001.0000001.0.R.200916.zip
Tool	ConfigTool	2.8.02.01.00670 General_ConfigTool_ChnEng_V5.000.0000001.8.R.20210625.zip
	SmartPSS Lite	2.7.05.01.01987 General_SmartPSSLite_MultiLang_Win64_IS_V1.003.0000002.4.R .230330.zip

2 Update Guide

2.1 Introduction

This document provides multiple update methods for the IPCs. Users can update the IPCs to the latest version according to the update guide. The update methods include updating by ConfigTool and DMSS app, through local update package, and cloud update on the webpage.

2.2 Preparation

Before the update, please ensure that the following conditions are met.

- Update by ConfigTool: The device can work normally; the computer is installed with ConfigTool; the device is on the same network as the computer; the update package is ready.
- Update by local package: The device can work normally; the device is on the same network as the computer that is used to log in to the webpage; the update package is ready.
- Cloud update on the webpage: The device can work normally and is connected to Internet; the device is on the same network as the computer that is used to log in to the webpage.
- Update by DMSS app: The device can work normally; the mobile phone is installed with DMSS app; the device is added to DMSS app.

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- Check whether the device model and program version are correct before the update.
- Decompress the compressed program package when updating by the ConfigTool and through the local package.
- In addition to the main package, there is the algorithm package (firmware.bin). When updating
 the system by ConfigTool and local package, update the main package first, restart the device,
 and then update the algorithm package. If you select cloud update, the algorithm package will
 be automatically updated.
- In addition to the main package, there is the FPGA program package. Update the main package first, and then update the FPGA program package after restarting the device.

2.3 Instructions

2.3.1 Updating by ConfigTool

2.3.1.1 Updating One by One

Use this update method when you need to update a single device.

- <u>Step 1</u> Open ConfigTool, and then select **Device Upgrade**.
- <u>Step 2</u> Click **Search Setting** to set the search conditions.



Figure 2-1 Set search condition

<u>Step 3</u> Select **Current Segment Search**, change the password to the IPC password, and then click **OK**.

Figure 2-2 View search result

ų	Configtool	1 0	evice(s) found	0		. See 1	Search Setting	₹ -	- ×
P	Modify IP	latch Up	grade				Search		2
2	Device Upgrade	NO.	Model	IP : Port	Version	Upgrade File Path	Operate		
	Online Upgrade	1	55	. 192.168.1.108:37777	3.100.0000000.5.R		(1)		
۲									
	System Settings								
	Building Config								
8									

<u>Step 4</u> Click Cli

<u>Step 5</u> Click 1 to start to update the system.

The device automatically restarts after the update is complete.

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If the system update fails, check the prompt on the ConfigTool to see the reason.

2.3.1.2 Updating in Batches

Use this method when you need to update multiple devices to the same software version.

Procedure

<u>Step 1</u> Open ConfigTool, and then select **Device Upgrade**.

- Step 2 Click **Search Setting** to set the search conditions.
- Step 3 Select Current Segment Search, change the password to the IPC password, and then click OK.

Ņ	Configtool		5 D	evice(s) found	С			Search Setting	▼ - ×
P	Modify IP	Ba	itch Upg	prade				Search	٩
Ð	Device Upgrade		NO.	Model	IP : Port	Version	Upgrade File Path	Operate	
æ	Online Ungrade		1		6:37777	2.840.0000000.3.R		(<u>†</u>	
			2	7	4:37777	3.120.0000000.1		(1)	
0	Device Config		3	11.111.111.1.	1:37777	3.140.0000000.1		(1)	
			4		7:37777	2.800.000000.4	C	(Ť)	
0	System Settings		5		2:37777	2.840.0000000.2	0	(1)	
⋳	Password Reset								
Ъ	Building Config								
88	CGI Protocol								
		۲	'ou ha	ve selected 3	device(s)				0 🗎

Figure 2-3 View search result

Select the device to be updated, and then click **Batch Upgrade**. Step 4

Step 5 Click **Browse** to select the update package.

Figure 2-4 Select update package

Batch Upgrade		×
Upgrade File Path:	 Browse	
Selected number of devices: 3		ОК

Step 6 Click **OK** to start to update the system.

The device automatically restarts after the update is complete.

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If the system update fails, check the prompt on the ConfigTool to see the reason.

2.3.2 Updating through the Webpage

<u>Step 2</u>	Select Settings > Maintenance Center > Upgrade to enter the system update page.
<u>Step 1</u>	Log in to the webpage of the device.

Figure 2-5 System update

⋳ One-click Diagno	sis	Upgrade
System Info	~	System Version: R Build Date: 2023-08-28
D Log Info	~	Online Update
A Manager	~	Auto Check for Updates:
1 Update		
🕄 Advanced Mainte	nan 🗸	Manual Check You are using the latest version.
		File Update
		Path Update

Step 3 Click Browse, select the update file, and then click Update.

Do not cut off the power supply during the update process. The device automatically restarts when the update is complete.

<u>Step 4</u> After the restart, you are redirected to the login page for you to log in to the device again.

2.3.3 Cloud Update through the Webpage

Procedure

- <u>Step 1</u> Log in to the webpage of the device.
- <u>Step 2</u> Select **Settings** > **Maintenance Center** > **Upgrade** to enter the system update page.

Figure 2-6 System update

⊖ One-click Diagnosis		Upgrade
System Info	~	System Version: Build Date: 2023-08-28
D Log Info	~	Online Update
n Manager	~	Auto Check for Updates:
✿ Update		
හී Advanced Maintenan.	v	Manual Check You are using the latest version.
		File Update
		Path Browse Update

Step 3 Click Manual Check.

Select Auto-check, and when a new version is available, the device automatically detects it.

- <u>Step 4</u> If a new version is available, click **Update Now**. The system downloads the version file and starts the update process.
- <u>Step 5</u> After the restart, you are redirected to the login page for you to log in to the device again.

2.3.4 Cloud Update through DMSS

- <u>Step 1</u> Open DMSS app.
- Step 2 Select **Device Details**.

If it displays **Update Available** on **Cloud Update** area, then there is available new version for update.

< Device D	etails	<
Wide Dynamic Range		
Enabled for high contrast scenes, brightness and shaded areas balar so the image is neither blown out	to have its ice simultaneously nor too dark.	
Auto Tracking		
After the function is enabled, the on and track the targets.	camera can focus	
Floodlight Settings		>
Volume		>
General Config		
Network Configuration	Linksys01216	>
Time Zone Configure device time zone and d	aylight saving time.	>
Device Sharing Share devices with other users.		>
Cloud Update	Update Available	>
Others	Real of the second	
Storage Manager		>
Rest	art	
Delt		

Figure 2-7 Device details

- <u>Step 3</u> Tap **Cloud Update** to go to the update page.
- <u>Step 4</u> Confirm the **Current Version** and **Latest Version**, and then tap **Update**.
- <u>Step 5</u> After being updated successfully, the device will restart.

2.4 Checking for Update Success

2.4.1 Checking the Result of Update by ConfigTool

After the update is complete, wait until the device restarts. Click ${f O}$ to check the system version.

If the version is the same as the software version of the update package, it means the update is successful.

Ņ	Configtool		3 D	evice(s) found	С			Search Setting	▼ - ×
P	Modify IP	в	atch Up	grade				Search	Q,
Ŧ	Device Upgrade		NO.	Model	IP : Port	Version	Upgrade File Path	Operate	
æ	Online Ungrade		1	IPC-	77	2.840.0000000.3.R)	ſ	
			2	IPC-	77	2.800.000000.4		1	
۵	Device Config		3	IPC-	77	2.840.0000000.2	0	1	
۲	System Settings								
₽	Password Reset								
ц	Building Config								
88	CGI Protocol								
			You ha	ve selected 0	device(s)				•

Figure 2-8 Check version information

2.4.2 Checking the Result of Update through the Webpage

Procedure

- <u>Step 1</u> Log in to the webpage of the device.
- <u>Step 2</u> Select **Settings** > **Maintenance Center** > **System Info** > **Device Info** to check the update result.

Figure 2-9 Check update result

ଭ	One-click Diagnosis			
▦	System Info	^	Device Model SN	and separate
	Device Info		Audio Input ONVIF Version	1
	Online User		System Version	Build Date: 2023-08-28
	Legal Info		Web Version Algorithm Version	10000
ш	Log Info	~	Security Baseline Version	V2.3
0	Manager	~		¥2,01,1
Ŷ	Update		Copyright 2023, all rights reserved.	
ಕೆ	Advanced Maintenan	¥		

2.4.3 Checking the Result of Update through DMSS

- Step 1Open DMSS app.Step 2Select Device Details.
- <u>Step 3</u> Confirm that you have updated to the latest version.

Figure 2-10 Device details

<	Device De	etails	<
Wide Dyn	amic Range		
Enabled for h brightness ar so the image	igh contrast scenes, to nd shaded areas balanc is neither blown out n	o have its e simultaneously or too dark.	
Auto Trac	king		
After the fun on and track	ction is enabled, the ca the targets.	amera can focus	
Floodlight	Settings		5
Volume			>
General Co	nfig		
Network C	configuration	Linksys01216	>
Time Zone Configure de	vice time zone and day	light saving time.	>
Device Sha Share device	aring s with other users.		>
Cloud Upd	ate	Latest Version	>
Others		10 m	
Storage M	anager		>
	Resta	rt	
	Delet	e	

ENABLING A SAFER SOCIETY AND SMARTER LIVING