

Turbo HD DVR V3.4.81_Build170227 Release Notes

(2016-03-03)

	Firmware Version:	V3.4.81_Build170227
	SDK Version:	V5.2.6.25_build20170104
Firmware	Play Library (PlayCtrl.dll)	6.0.0.4
Basic Information	player	7.3.2.63
	Web version	V4.0.1 build 170118
	Client version	V2.05.06.07 build20170210

Reason of Upgrade

This version deletes Hiddns and IP server service, newly support Hik-Connect., newly support AHD/CVI 1080P

lite mode. This version is only suitable for DS-71/7200HGHI-Fx, DS-71/72/73/8100HQHI-Fx/N,

DS-72/73/76/81/9000HUHI-Fx/N. Add some new functions, modify some functions, enhance products quality and meet customers' requirements.

Main update

New functions

i. HGHI-F&HQHI-F/N Series newly support AHD/CVI signal 1080P lite mode. (TVI signal 1080P lite mode

has been already supported in previous version)

- 1) When 1080P lite mode is enabled, all channels support 1080P TVI/AHD/CVI signal input.
- 2) The encoding and decoding ability of AHD/CVI 1080P Lite are same with TVI 1080P lite

Note: only the units that support 5 in 1 function can support AHD/CVI 1080P signal input.

Support? (5in1)	HGHI-F (hardware version)	HQHI-F/N,HUHI-F/N (hardware
		version)
Yes	0x7 or above	0x8 or above

- ii.
- The units that support 5 in 1 function newly support coaxial PTZ control of AHD/CVI camera.
 - 1) The name of AHD/CVI/TVI coaxial control protocol is changed as UTC(Coaxitron).
 - The units that don't support 5 in 1 function now don't support CVI signal input. The name of PTZ protocol remains HIKVISION_C and AHD_C.



Camera	PTZ								
			PT	TZ Parameter Settir	ıgs				
🕏 OSD	Baud Rate		9600				•		
🛿 Image	Data Bit						~ r All	Call	
J PTZ	Stop Bit						~		
5 P12	Parity		None				~		
X Motion	Flow Ctrl	_	None				∼ r All	Call	
Privacy Mask	PTZ Protocol		UTC(Coa	axitron)			•		
	Address	k	0					Clear All	
🖤 Video Tampering	Address range: 0~2	255							
? Video Loss									
							st Cont	rol	
🖲 VCA				Сору	ок	Cancel			
⊘ Video Quality Diagn.					5.11	Juniosi			

iii. HIDDNS Function modification

- 1) Delete **hiddns** and **IP server** service from DVR, replaced by **Hik-Connect** domain function; reserve third party DDNS: DynDNS, PeanutHull and NO-IP.
- 2) Hik-Connect(HC) function is not enabled as default. Based on security strategy, when users enable HC function, it will pop up a hint for creating a verification code and reading the Terms of Service and Privacy Statement. Users need to create a new verification code or edit the default verification code to enable HC service.
 - On the interface of(GUI/4200/IE), to enable HC service, users need to check the checkbox below and set the verification code.

		Configuration				
ঞ্চ General	A.	Service Terms				
 Network 	Verification Code	nice you need to create a varification code or edit the def	ault	, in the second se		
Alarm To enable Hik-Connect service, you need to create a verification code or edit the default verification code. The Hik-Connect service will require internet access. Please read Service Terms and						
 Live View 		fore enabling the service.				
▲ Exceptions	Use your mobile phone to	o scan the QR code to obtain Terms of Service and Privacy	Statement.			
at User						
		OK Cancel				
♠ Live View			Apply	Back		

2. The new units require inputting custom verification code to enable HC.



HII			
	KVISION	Live View Playback Picture Configuration	
Ģ	Local	Email Platform Access HTTPS Other	
-	System	Enable	
_	Network	Platform Access Mode Hik-Connect V	
Θ		Server Address dev.hik-connect.com 🖉 Custom	
	Basic Settings	Register Status Offline	
-	Advanced Settings		
<u>Q</u> .	Video/Audio		
14	Image	6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive. You are recommended to use a combination of no less than 8 letters or number	ers.
圁	Event		
B	Storage	Save	
Fo	Vehicle Detection		
6			
	ľ	nan t nan t To enable Hik-Connect service, you need to create a verification code or change the verification code.	
		Verification Code	
		6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive. You are recommended to use a combination of no less than 8 letters or numbers.	
		Confirm Verification Code	
		The Hik-Connect service will require internet access. Please read the " <u>Terms of</u> <u>Service</u> " and " <u>Privacy Policy</u> " before enabling the service.	
		OK Cancel	

3. If the previous version device has enabled the HC(or EZVIZ) and updated to this version, HC service is still enabled.

Note	
To enable Hik-Connect service, you need to create a verification code. The Hik-Connect service will require internet access. <u>Service</u> " and " <u>Privacy Policy</u> " before enabling the service	Please read the " <u>Terms of</u>
	OK Cancel

- 3) DVR supports adding the IPCs by IPCs' HC domain, if the IPCs and DVR are in the same HC account or the IPC is shared.
- iv. 16-ch HGHI-F unit encoding strategy modification.

Generally speaking, not all channel of 16-ch HGHI-F device are used for connecting cameras, therefore when there is no signal input, the encoding frame rate of this channel is now set as 1fps, even though

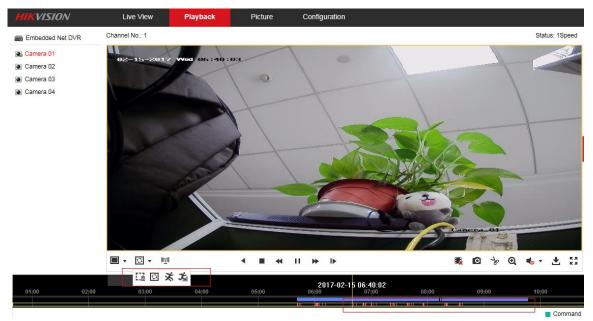


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the configuration of local interface is set as other encoding frame rate.

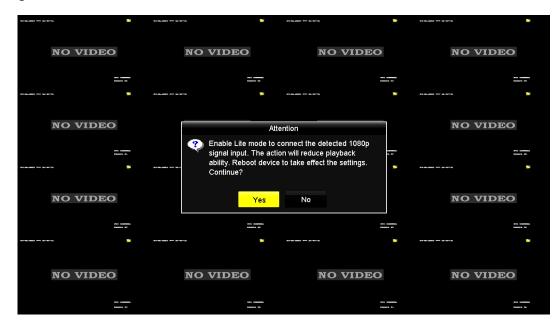
- Newly support Arabic Language, modify some Japanese language expression. v.
- vi. Newly support VCA search function of remote playback. Supported VCA type: Motion Detection,

Intrusion Detection, Line Crossing Detection.



vii. Hint for enabling 1080P lite.

> For HGHI-F series units, if the 1080P Lite mode is not enabled and the device is on the live view interface, when connecting the 1080P camera to the DVR, it will pop up a hint "Enable Lite mode to connect the detected 1080P signal input. The action will reduce playback ability. Reboot device to take effect the settings, Continue?"





viii. Newly support "video and player" option for exporting

		Exp	port			
Device Name	USB F	lash Disk 1-1		.mp4;*.zip	~ Ref	resh
Save Type	MP4					
Name		Size Type	Edit Date		Delete	Play
a 1		Exp	port		Û	
a 2		Video and Log Video and Pla	yer		Ť	_
• 3		Video and Pla. _≹ ● Player ●			Î	-
		OF	(Car	cel		
Free Space		7431.97MB				
		New Folder	Format	Export	- D	ack

ix. Newly adding the interface of **3rd party Open Source Software Licenses** on the webpage of device. Click

the "view license", it will open a webpage of licenses detail information.

HIKVI	SION	Live View	Playback	Pictu	re	Configuration		
	al	Basic Information	Time Settings	RS-232	RS-485	Menu Output	About Device	
🚍 System		Open Source Software Lice		s				
Sys	tem Settings							
Maintenance		View Lic	enses					
Sec	urity							
Can	nera Management	L						

- **x.** Modify some areas time zone.
 - 1) Adjust Turkey (Istanbul / Moscow / St Petersburg) time zone to UTC+3:00
 - 2) Adjust Novosibirsk time zone to UTC+7:00
 - 3) Newly add Caucasus time zone(GMT+04:00)
 - 4) Adjust Magadan time zone to GMT+11:00
- **xi.** Improve the performance of motion detection.
- **xii.** Improve the image quality of AHD signal.



Modified functions

- i. Fixed the issue that audio exception detection of device 16th channel fails. Involved model: DS-8116HQHI-F8/N, DS-9016HUHI-F16/N, DS-9016HUHI-F8/N, DS-8116HUHI-F8/N.
- ii. Fixed the issue that there are ghost images when overlaying the medium POS character.
- iii. Fixed the issue that there is a black line on the aux-monitor of 4K output.
- iv. Fixed the issue that the admin account of device will not be locked after inputting the wrong password over 6 times when exporting the GUID file.
- v. Fixed the issue that IP cameras can't be added to DVR by its DDNS domain name.
- vi. Fixed the issue that DVR will crash if using the long password to recover DVR password by SADP.
- vii. Modify the English language expression: Forget My Pattern is changed as Forgot My Pattern, Forget Password is changed as Forget Password.
- viii. Other bugs fixed.



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Related product list:

	DS-7104HGHI-F1/N、DS-7108HGHI-F1/N、DS-7116HGHI-F1/N
	DS-7204HGHI-F1/N、DS-7208HGHI-F1/N、DS-7216HGHI-F1/N
	DS-7104HQHI-F1/N、DS-7108HQHI-F1/N、DS-7116HQHI-F1/N
	DS-7204HQHI-F1/N、DS-7208HQHI-F1/N、DS-7208HQHI-F2/N
	DS-7216HQHI-F1/N、DS-7216HQHI-F2/N
	DS-7304HQHI-F4/N、DS-7308HQHI-F4/N、DS-7316HQHI-F4/N
	DS-8104HQHI-F8/N、DS-8108HQHI-F8/N、DS-8116HQHI-F8/N
	DS-7104HGHI-F1、DS-7108HGHI-F1、DS-7116HGHI-F1
-F/N Series Turbo	DS-7204HGHI-F1、DS-7208HGHI-F1、DS-7208HGHI-F2
HD DVR	DS-7216HGHI-F1、DS-7216HGHI-F2
	DS-7204HUHI-F1/N、DS-7208HUHI-F1/N
	DS-7204HUHI-F2/N、DS-7208HUHI-F2/N、DS-7216HUHI-F2/N
	DS-7604HUHI-F1/N、DS-7608HUHI-F2/N、DS-7216HUHI-F2/N
	DS-7304HUHI-F4/N、DS-7308HUHI-F4/N、DS-7316HUHI-F4/N
	DS-8104HUHI-F8/N、DS-8108HUHI-F8/N、DS-8116HUHI-F8/N
	DS-9004HUHI-F8/N、DS-9008HUHI-F8/N、DS-9016HUHI-F8/N

Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect automatically after

upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any

possible inconvenience of use-habit changes caused by this action.

For questions or concerns, please contact our local technical support team.

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