

DeepinMind NVR V4.1.11 Build180414 Release Notes

(2018-4-23)

	Firmware Version:	V4.1.11Build180414		
	SDK Version:	V5.3.5.30		
		FR: V3.2.0		
	Algorithm version	HMS: V3.4.1		
Firmware Basic Information	Algorithmi version	Face capture algorithm		
		library: V1.1.3		
	TX1 version	FR: V1.2.2 Build180323		
		HMS: V1.3.5 Build180412		
	Play Library (PlayCtrl.dll)	7.3.3.65		
	Web version	V4.0.1 build 180327		
	Client version	V2.6.5.106_Build20180407		

Reason of Upgrade

Add and modify some functions to enhance products quality and meet customers' requirements.

Main Features

- i. Newly support enabling Face Comparison and Stranger Detection simultaneously in the same channel.
- Face DeepinMind NVR newly support up to 16 face libraries and 100,000 face pictures in database totally. Super DeepinMind NVR newly support up to 32 face libraries and 300,000 face pictures in database totally.
- iii. Newly support BatchConfigTool to import face pictures and their attributes to face database in batch.
- iv. Super DeepinMind NVR newly support search face capture by appearances like gender, age and whether wear glassed etc.
- Face DeepinMind NVR and Super DeepinMind NVR newly support High Frequency Personnel Detection. When someone appear several times during a period of time, the real-time alarm will be trigged. This function only can be configured via web.



HIKVISION	Live View Playback Picture Configuration	👤 admin	👔 Help	E+ Logout	
Local System Video/Audio Image Event Basic Event Smart Event	Frequency of People Image: Capture Interval Capture Interval Day(s) Trequency Threshold Day(s) Similarity Inked Channel Linked Face Picture Library Arming Schedule Linkage Method				~
Face Comparison Frequency of People Storage Vehicle Detection Vehicle Detection Human Body Capture Face Picture Library	□ 10.5.2.91-01 □ 10.5.2.91-02 ☑ IPCamera 07 ©2018 Hikvision Digital Technology Co., Ltd. All Rights Reserved.				~

 vi. Face DeepinMind NVR and Super DeepinMind NVR newly support High Frequency Personnel Detection Collision. Like the High Frequency Personnel Detection, someone appeared several times during a period of time can be searched via iVMS-4200.

File System View Tool Help		📥 iVMS-4200		yuxiang9 🕄	9 📟 🛗 11:23:36 🔒	- 67 ×
Control Panel	High Frequency Personnel Detection 🛛 🔂 Main View	Human Body Search	Behavior Analysis	🖨 Device Management		-
High Frequency Personnel Detection S	Search High Frequency Personnel Detection Collision					
Task List	Create Frequently Appeared Person Comparison		Export	Details		
+ Add X Delete Delete All	Camera Search Eace DecoinMind NVR Dual lens face recogntion camera PanoVu PT Queue					25
	Perimeter DeepinMind NVR Start Time End Time 2018-04-19 00:00:00 2018-04-19 23:59:59 3 Similarity B5 Capture Interval Threshold 10 7 OK Cancel Totar: 0 - Page: P1	14 4 14	⊳i Page Go		0-00 00:00:00	

vii. Face DeepinMind NVR and Super DeepinMind NVR newly support Face Recognition Checkin. The record of check-in can be displayed in GUI and exported via iVMS-4200.



Facial Rec	12:28 04-19-2018 Thu
	Stranger Str
Records Camera III III IIII Name Check-in at Stat 2018/4/19 12 Not	Stranger Control Strang
2018/4/19 12 Not 2018/4/19 12 Not	Stranger IPCamera 07 12:28:33 Stranger Strange
2018/4/19 12 Not 2018/4/19 12 Not	1x1 2x2 3x3

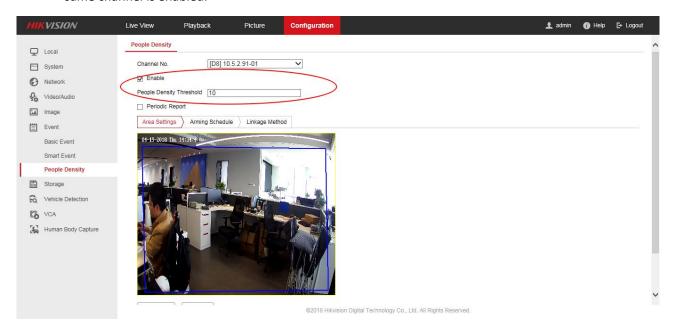
viii. Face DeepinMind NVR and Super DeepinMind NVR newly support up to full-channel Picture Recognition. Picture Recognition can be enabled by channel, then the GPU will model the picture of this channel in idle time, which means search by picture and search by appearance can be supported for this channel.

ලි Smart Analysis	Task Conf	figuration Eng	gine Configuration			
E] Face Picture D	🖉 Edit	Enat	oled Disabled			Q
) Smart Search >		Camera 丨	Camera Name	Analysis Mode	Start Time	Status
		D1	IPCamera 01	Picture Recognition	03-09-2018	Disable
Counting		D2	10.5.2.91-01	Picture Recognition	03-09-2018	Disable
		D3	10.5.2.91-02	Picture Recognition	03-09-2018	Disable
🕉 Heat Map		D4	IPCamera 04	Picture Recognition	03-09-2018	Disable
		D5	IPCamera 05	Picture Recognition	03-09-2018	Disable
		D6	IPCamera 06	Picture Recognition	03-09-2018	Disable
		D7	IPCamera 07	Picture Recognition	03-09-2018	Disable
		D8	IPCamera 08	Picture Recognition	03-09-2018	Disable
		D9	IPCamera 09	Picture Recognition	03-09-2018	Disable
		D10	IPCamera 10	Picture Recognition	03-09-2018	Disable
		D11	IPCamera 11	Picture Recognition	03-09-2018	Disable
		D12	IPCamera 12	Picture Recognition	03-09-2018	Disable
		D13	IPCamera 13	Picture Recognition	03-09-2018	Disable
		D14	IPCamera 14	Picture Recognition	03-09-2018	Disable



First Choice for Security Professionals

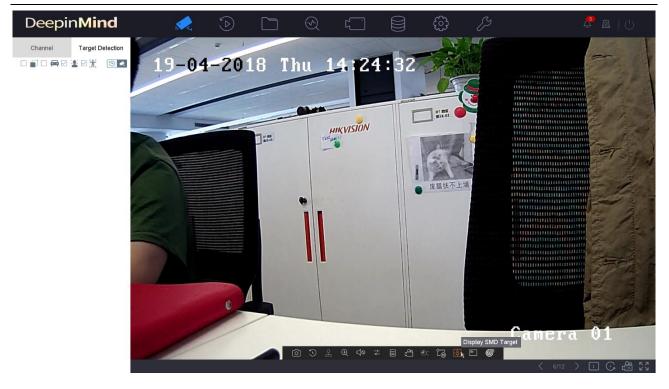
- ix. DeepinMind NVR newly supports 24MP panoramic camera access, sub-stream live view and playback while Super DeepinMind NVR newly supports 24MP panoramic camera access, main-stream live view and playback and 1+5 unwrapping when live view.
- **x.** Newly support adding channels from other NVR to get video stream.
- **xi.** Perimeter DeepinMind NVR newly supports People Density. When the number of people on the detection area is higher than the threshold you set, the real-time alarm will be triggered. The People Density will occupy the resource of false-alarm filtering and can't be enabled when the false-alarm filtering of the same channel is enabled.



xii. Perimeter DeepinMind NVR newly supports 1-channel SMD rule overlapping in live view in GUI.



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xiii. Perimeter DeepinMind NVR and Super DeepinMind NVR newly support sending email of Filtered Alarm

Local	Upgrade & Mainten	ance Log Filtered	Alarm Statistic			
System	Channel					
System Settings	Enable	Channel No.	Camera Name	Detection Target		
Maintenance		1	Channel 1	None	^	
Security		2	Channel 2	None		
Camera Management		3	Channel 3	None		
User Management		4	Channel 4	None		
VCA Configuration		5	Channel 5	None		
Network	V	6	IPCamera 06	Human		
Video/Audio		7	Channel 7	None		
Image		8	Channel 8	None		
Event		9	Channel 9	None		
Storage		10	Channel 10	None		
Vehicle Detection		11	Channel 11	None		
VCA		12	Channel 12	None	~	
-		13	Channel 13	None		
Human Body Capture	Report Type Report Period	Email	✓ 1 Day(s)			

- **xiv.** DeepinMind NVS newly supports VGA and HDMI output and USB interface.
- **xv.** Newly support multilingual firmware.



Related product list:

	iDS-6704NXI-I/4F
	iDS-6716NXI-I/16S
DeepinMind NVR	iDS-7700NXI-I4(/16P)/8S
	iDS-9600NXI-18/4F
	iDS-9600NXI-I8/16S

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.

Note:

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Hikvision Digital Technology CO., Ltd. No. 555 Qianmo Road, Binjiang District, Hangzhou 310052, China Tel: +86-571-8807-5998 FAX: +86-571-8993-5635 Email: support@hikvision.com