

H5 Network PTZ Dome Camera Firmware

Version: V5.5.20

Release Note

(2020-3-30)

Firmware Basic Information	Firmware Version:	V5.5.20 build200316
	Encoding Version	V7.3 build 200316
	Web Version	V4.0.1 build 200309
	Plugin Version	3.0.7.30

Reason of Upgrade

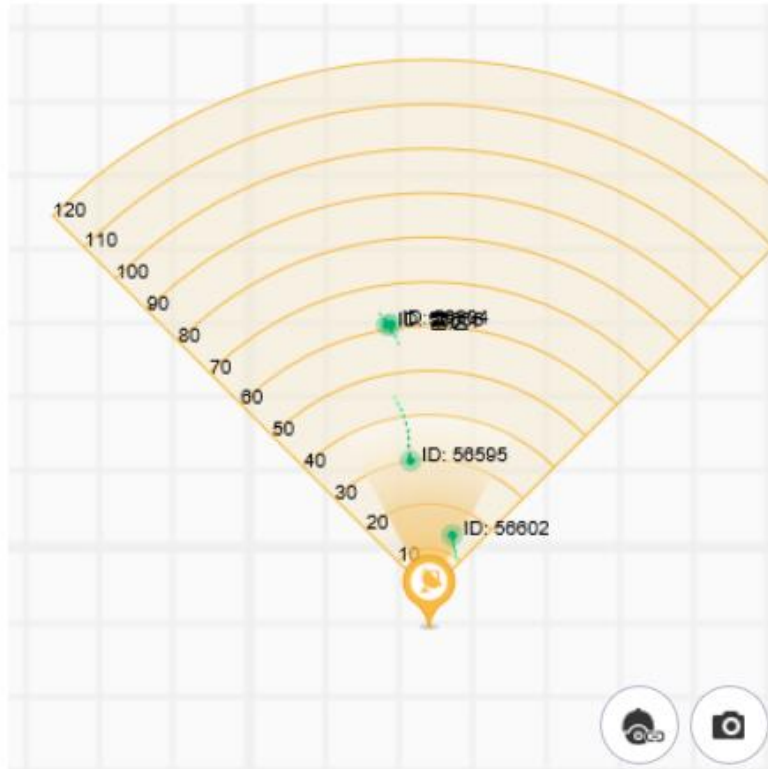
Upgrade for supporting new features and optimizing the performance.

New features

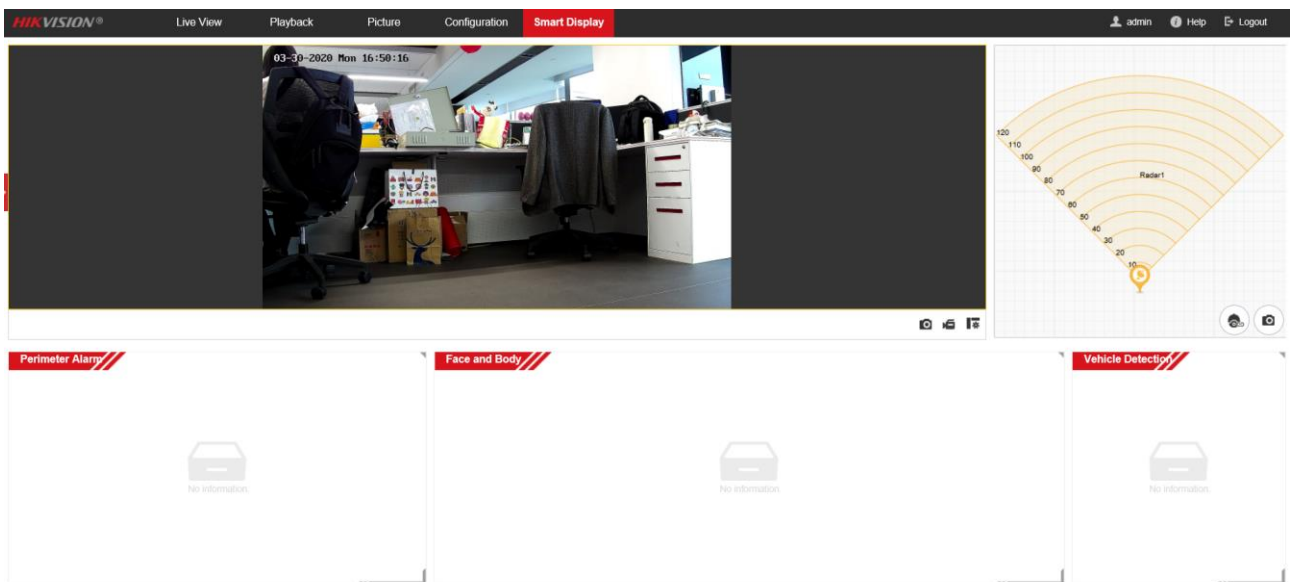
1. Radar Event function related:
 - 1) Support radar event detection, including intrusion detection and line crossing detection based on radar dominating

The screenshot displays the Hikvision web interface for configuring Intrusion Detection. The top navigation bar includes 'Live View', 'Playback', 'Picture', 'Configuration' (highlighted), and 'Smart Display'. The left sidebar contains various system settings categories. The main configuration area is titled 'Intrusion Detection' and includes a sub-tab 'Line Crossing Detection'. The 'Area Settings' tab is selected, showing a video feed of an office scene with a person. Below the video, there is a 'Region' dropdown menu set to '1', a 'Sensitivity' slider set to 50, and a 'Save' button. To the right of the video, there is a control panel with a 'Unlock(98s)' button, a grid of navigation icons, a zoom slider, and a list of 8 presets.

- 2) After the event is triggered, the radar linked PTZ will track and video double check. When it is finished the PTZ will track and capture the pictures.
- 3) Support radar preview. Now you can view target, rule and other information on radar preview, and support clicking on the panel to link the PTZ.



- 4) Support automatic mapping rules and shielding area to radar area in device configuration.
- 5) The smart display interface on website supports radar intelligent alarm display, PTZ preview, radar preview, radar event alarm, radar capture alarm and other information display.



2. Support the background of custom radar preview, which can be realized through image import, zoom, move and other operations can be carried out. The angle of radar area can be adjusted.
3. Support Level Calibration now and it should be configured before event configuration.
4. Support Radar-camera Calibration now but manual only. Manual mode needs the cooperation

by real-scene person.

5. Radar module program supports upgrade with the firmware together now.
6. Support configuration of shielding area, and all target in the area will be filtered.
7. Support radar event alarm including:
 - 1) Support radar area intrusion alarm and radar line crossing detection alarm;
 - 2) Support alarming by SDK, FTP, HTTP, ISUP protocols.
 - 3) SDK alarm protocol is fully compatible with video smart alarm. The device can be connected to radar alarm which can support smart alarm originally.
8. After triggering the radar event, the PTZ can be linked to track the target.
9. About video double check:
 - 1) If the track of radar is not obvious, it will depend on the detection result of video.
 - 2) If the radar track is obvious, even if the video is not detected, it can be double check successfully
10. About tracking capture:
 - 1) Start tracking capture after successful double check.
 - 2) Alarms are exactly the same as HMS alarms (Mixed target capture alarm).
11. Flash alarm modification:
 - 1) Extended support constant light mode.
 - 2) The minimum brightness of flicker mode is adjusted to 20 to prevent abnormal picture effect when flickering.
 - 3) Support alarm input linkage flash alarm.
12. Based on the 4200 of the old architecture, customized radar display interface is supported, and other functions are unchanged by embedding chrome kernel.

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action.

For any questions and request for this firmware, please contact our local technical support team.

Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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Supported Product List (DeepinView Series)		
Product Category	Model Number	Product Description
Radar PTZ Dome	iDS-2SR8141IXS-AB(40X)	4MP,IR,WDR,H265+,DarkFighter,Strobe light alarm