

Radar PTZ Camera Firmware Version: V5.5.22

Release Note

(2021-04-14)

Firmware Basic Information	Firmware Version:	V5.5.22
	SDK Version:	HCNetSDKV6.1.6.15_build20201125
	Hik-Connect:	v1.5.60

Camera Features

1. New Features

- Add double check mode for radar detection:

- 1) No double check: The alarm is triggered as soon as the radar detects a target, without double check
- 2) Missed Alarm Reduction: The alarm is triggered when the radar validity is high or the radar detection passes the double check.
- 3) False alarm Reduction (default): The radar detection is double-checked and only relevant targets trigger the alarm

Video Double Check

No Double Check Missed Alarm Reduction False Alarm Reduction

- Add target filter of radar event:

Support select Human, Vehicle, Other. Select neither of them by default, all the target could trigger the alarm.

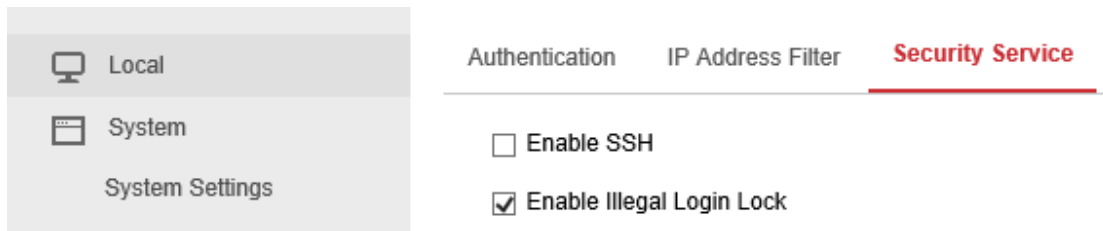
NOTE: No double check mode cannot use the target filter.

- The device will be calibrated by default.

The equipment leaves the factory with horizontal calibration parameters at a height of 5 meters by default, and rules can be configured directly on site.

- Support enable SSH on web

In System-> Security-> Security service.



- Support tuning mode on web.
 1. Overlay radar POS information on stream
 2. After reboot the device, the tuning mode will be off by default.



- Support to configure the sensitivity of anti-interference between radars in expert mode.
Set 0-9, default 0.

Two sensitivity modes are available.

(1) The Normal Mode is for ordinary users. Higher sensitivity value means smaller targets could be detected.

(2) The Expert Mode is for professional users.

◦Detection Sensitivity: Higher sensitivity value means smaller targets could be detected.

◦Track Sensitivity: It is the sensitivity to the length of object moving pattern. Higher sensitivity value means that objects with shorter moving pattern could be detected.

◦Sway Sensitivity: It is the sensitivity to detect the swaying objects. Lower sensitivity means easier to filter out swaying objects.

◦Speed Sensitivity: It is the sensitivity to the object speed. Higher sensitivity means targets with lower speed could be detected.

◦Anti-Interference Sensitivity (Inter-Radar): The higher the sensitivity is, the more easily the interference between two radar devices is reduced.

◦Target Retaining Time: It stands for the target remaining display time after the it is not detected on radar. For example, if you set the target retaining time as 5, the target ID remains displaying 5 more seconds after the target disappears on radar.

Radar Detection Sensitivity

Mode	<input type="text" value="Expert"/>	▼
Detection Sensitivity	<input type="range" value="5"/>	5
Track Sensitivity	<input type="range" value="6"/>	6
Sway Sensitivity	<input type="range" value="5"/>	5
Speed Sensitivity	<input type="range" value="7"/>	7
Anti-Interference Sensitivity	<input type="range" value="0"/>	0
Target Retaining Time	<input type="range" value="2"/>	2 s

- Stop tracking if fail to double-check by video.

If the target is failed to double-check by video, it will double check again for two times. If all the double-checks are failure and there is not new target on the screen, the device will be back to the previous position.

2. Improved Features

- Increase the range of tracking zoom ratio

When the tracking zoom ratio parameter is 100, the ratio is the same with before;

When the tracking zoom ratio parameter is 1, the ratio is 1/5 than before.

- When finish the tracking, the device will zoom out at first, then do the PT action to go back the previous location.

3. Leftover Issues

N/A

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.
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Supported Product List	
Product Category	Model Number
Radar PTZ	iDS-2SR8141IXS-AB(40X)(O-STD)(T2)

Note: Models in red font are newly released models.