



INTEGRITI HIKVISION PLUGIN

RELEASE NOTES 2.5 JULY 2018



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be installed & maintained by FACTORY CERTIFIED
TECHNICIANS.**

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Integriti Hikvision Plugin

Table of Contents

CURRENT RELEASE	3
VERSION 2.5 – JULY 2018	3
<i>Required Integriti Version</i>	3
<i>SDK Version</i>	3
<i>Tested Against</i>	3
<i>New Features</i>	3
<i>Feature Updates</i>	3
<i>Issues Resolved</i>	3
PAST RELEASES	4
VERSION 2.4 – DECEMBER 2017	4
<i>Required Integriti Version</i>	4
<i>SDK Version</i>	4
<i>Tested Against</i>	4
<i>New Features</i>	4
<i>Feature Updates</i>	5
VERSION 2.3 – SEPTEMBER 2017	6
<i>Required Integriti Version</i>	6
<i>SDK Version</i>	6
<i>Tested Against</i>	6
<i>New Features</i>	6
<i>Feature Updates</i>	6
VERSION 2.2 – SEPTEMBER 2016	7
<i>Required Integriti Version</i>	7
<i>SDK Version</i>	7
<i>Tested Against</i>	7
<i>Feature Updates</i>	7
<i>Issues Resolved</i>	7

Current Release

Version 2.5 – July 2018

Required Integrati Version

Integrati Pro/Infiniti v17.0 or higher

SDK Version

HCNetSDK v5.3.1.51

Tested Against

- DS-7732NI-SP - V3.1.0 build 140821 Firmware

New Features

- **Event Monitoring:** Added the ability to monitor VCA, Facial Recognition and VQD events from supported Hikvision Cameras. This allows for a much wider range of events to be received and used by Integrati.
Monitoring these new types of events can be configured from the Hikvision Recorder's Device Attributes, with new properties added to enable and disable monitoring of each type of event as well as to filter down the sub-types of events to receive for each new event type. These new properties can be found in the 'Monitoring – DVRs/NVRs' Category. All of the new types of events will be monitored by default for new and updating systems, provided Persisted Connection is enabled for the Recorder.

Feature Updates

- **SDK:** Updated to use HCNetSDK v5.3.1.51.
- **Integrati Version:** The Hikvision integration now requires an Integrati version of 17 or higher.

Issues Resolved

- **Event Logging:** Resolved issue where Review messages generated by events in the Hikvision system could be associated with the wrong Recorder/Camera when more than one Hikvision Recorder has Persisted Connection enabled. This resulted in incorrect recorder names showing in the Review text.

Past Releases

Version 2.4 – December 2017

Required Integriti Version

Integriti Pro/Infiniti v16.0 or higher

SDK Version

HCNetSDK v5.3.1.35

Tested Against

- DS-7732NI-SP - V3.1.0 build 140821 Firmware
- DS-96256NI-E16 / H - V3.0.3 build 150204 Firmware

New Features

- **Event Monitoring:** Review Records generated from the integration now specify categories specific to the event type.
This allows for these Review Records to be easily filtered by the Review Category filter in the Review list in Integriti, as well as making triggers easier to configure. Using the new Review Categories it is possible to filter down to a specific type of event type, for example all Motion events, without the need for a text filter.
- **License Plate Recognition:** Added support for receiving License Plate Recognition events from supported Hikvision Cameras. When a license plate is detected by a Hikvision camera a Review Record will be generating containing the license plate that was recognised, and associated with the source Camera.
On Integriti v18 or higher, with the addition of the License Plate Recognition license, the LPR integration is taken a step further, allowing a license plate being recognised to trigger a Card badge at a chosen Integriti Door for the User associated with the license plate. This adds the ability to use a license plate as a Credential in Integriti, with each license plate being associated to the given User as a Card with a format of License Plate. This provides all of the benefits of using Cards in Integriti, including restricting access based on a User's permissions, access logging, and reporting.
The built in license plate recognition is enabled on a per-camera basis, with the automatic card badging only being triggered on enabled Cameras, at a Door or Reader configured in the Camera itself.
License Plate events will automatically be logged by default for new and upgrading systems; however the LPR as a Credential functionality needs to be manually enabled. See the Integriti Hikvision CCTV Plugin manual for details on configuring this feature.

Feature Updates

- **SDK:** Updated to use HCNetSDK v5.3.1.35.

Version 2.3 – September 2017

Required Integriti Version

Integriti Pro/Infiniti v16.0 or higher

SDK Version

HCNetSDK v5.2.7.5

Tested Against

- DS-7732NI-SP - V3.1.0 build 140821 Firmware
- DS-96256NI-E16 / H - V3.0.3 build 150204 Firmware

New Features

- **Configuration Editor:** Added support for the new Integration configuration editor, available in Integriti v17.0.3 and above. This new editor provides a number of features already seen in other Integriti editors, including the ability to search properties by name and better editors for some properties.
- **Manual:** Added the Hikvision NVR CCTV Manual containing details on configuring the Hikvision plugin, a capabilities guide and a troubleshooting guide.

Feature Updates

- **SDK:** Updated to use HCNetSDK v5.2.7.5.
- **Integriti Version:** The Hikvision integration now requires an Integriti version of 16 or higher.
- **Error/Debug Logging:** Improved error and debug messages logged by the Hikvision plugin to be more detailed. This will aid in resolving any issues that occur when using the integration.

Version 2.2 – September 2016

Required Integriti Version

Integriti Pro/Infiniti v4.0 or higher

SDK Version

HCNetSDK v5.1.5.7

Tested Against

- DS-7732NI-SP - V3.1.0 build 140821 Firmware
- DS-96256NI-E16 / H - V3.0.3 build 150204 Firmware

Feature Updates

- **Event/Alarm Monitoring:** Review Records generated by the Hikvision plugin now have the triggering Camera and Recorder associated with them. This allows context specific commands, such as View Video In New Tab and Scheduled Tasks to use the Camera for additional functionality.

Issues Resolved

- **Alarm Monitoring:** Fixed potential issue preventing alarms from Hikvision being received.