



# INTEGRITI HANWHA WISENET WAVE CCTV INTEGRATION

## RELEASE NOTES 1.4



**INNER RANGE recommends that all Inner Range systems be installed & maintained by FACTORY CERTIFIED TECHNICIANS.**

**For a list of Accredited Dealers in your area refer to the Inner Range Website.**

**<http://www.innerrange.com>**

# Hanwha Wisenet WAVE Plugin

## Table of Contents

<b>CAPABILITIES .....</b>	<b>3</b>
<b>CURRENT RELEASE .....</b>	<b>4</b>
<b>VERSION 1.4 – NOVEMBER 2022 .....</b>	<b>4</b>
<i>Important Notes .....</i>	<i>4</i>
<i>Hanwha Compatibility .....</i>	<i>4</i>
<i>Required Integriti Version License.....</i>	<i>4</i>
<i>Minimum Installed Integriti Version .....</i>	<i>4</i>
<i>Licensing Requirements .....</i>	<i>4</i>
<i>SDK Version.....</i>	<i>4</i>
<i>Tested Against .....</i>	<i>4</i>
<i>Issues Resolved .....</i>	<i>5</i>
<b>PAST RELEASE .....</b>	<b>6</b>
<b>VERSION 1.3 – NOVEMBER 2020 .....</b>	<b>6</b>
<i>Hanwha Compatibility .....</i>	<i>6</i>
<i>Required Integriti Version License.....</i>	<i>6</i>
<i>Minimum Installed Integriti Version .....</i>	<i>6</i>
<i>Licensing Requirements .....</i>	<i>6</i>
<i>SDK Version.....</i>	<i>6</i>
<i>Tested Against .....</i>	<i>6</i>
<i>Issues Resolved .....</i>	<i>6</i>
<b>VERSION 1.2 – OCTOBER 2020.....</b>	<b>7</b>
<i>Required Integriti Version License.....</i>	<i>7</i>
<i>Minimum Installed Integriti Version .....</i>	<i>7</i>
<i>Licensing Requirements .....</i>	<i>7</i>
<i>SDK Version.....</i>	<i>7</i>
<i>Tested Against .....</i>	<i>7</i>
<i>Issues Resolved .....</i>	<i>7</i>
<b>VERSION 1.1 – SEPTEMBER 2020.....</b>	<b>8</b>
<i>Required Integriti Version License.....</i>	<i>8</i>
<i>Minimum Installed Integriti Version .....</i>	<i>8</i>
<i>Licensing Requirements .....</i>	<i>8</i>
<i>SDK Version.....</i>	<i>8</i>
<i>Tested Against .....</i>	<i>8</i>
<i>New Features.....</i>	<i>8</i>
<i>Issues Resolved .....</i>	<i>8</i>
<b>VERSION 1.0 – JUNE 2020.....</b>	<b>9</b>
<i>Required Integriti Version License.....</i>	<i>9</i>
<i>Minimum Installed Integriti Version .....</i>	<i>9</i>
<i>Licensing Requirements .....</i>	<i>9</i>
<i>SDK Version.....</i>	<i>9</i>
<i>Tested Against .....</i>	<i>9</i>
<i>New Features.....</i>	<i>9</i>

## Capabilities

	Feature	Ver	Y/N	New
Advanced CCTV Features	<i>Populate Configured Cameras</i>	18	✓	
	<i>64-bit Integration Server Support</i>	18	✓	
	<i>Show Camera Status</i>	18	✓	
	<i>Categorised Review Records</i>	19	✓	
	<i>License Plate Recognition</i>	18	✗	
	<i>Trigger Inputs on CCTV Event</i>	18	✓	
	<i>Control Iris and Focus</i>	18	✗	
	<i>Control PTZ Tours</i>	18	✓	
	<i>Display Video Frame Times</i>	18	✗	
	<i>Show On-Screen Display</i>	18	✗	
	<i>Reverse Playback</i>	18	✗	
	<i>Step Forward/Backward</i>	18	✗	
	<i>Export CCTV Clips</i>	19	✓	
	<i>Export CCTV Snapshots</i>	19	✗	
	<i>Stream Audio With Video</i>	18	✗	
<i>Send Audio to CCTV Camera</i>	18	✗		

## Current Release

---

### Version 1.4 – November 2022

---

#### Important Notes

---

Integrati Hanwha Wisenet WAVE Integration requires the digest authentication feature to be enabled in the server for the user when connecting to Server v5 and above.

#### Hanwha Compatibility

---

The Integrati Hanwha Wisenet Wave CCTV Integration will only work with Hanwha Wisenet Wave systems. Use the Integrati Hanwha Techwin CCTV Integration for connecting to Hanwha Techwin and Hanwha Wisenet NVRs.

#### Required Integrati Version License

---

Integrati Pro/Infiniti v22 license

#### Minimum Installed Integrati Version

---

Integrati Pro/Infiniti v21.0 or higher

#### Licensing Requirements

---

Integrati CCTV Integrations require Integrati Business or Integrati Corporate Software Edition.

For Integrati Business, one CCTV License is required per camera to be used in the system. Integrati Business supports 32 Cameras initially, and additional cameras can be added in lots of 8 using the 996921 CCTV - Extra 8 Cameras license. Any unlicensed Cameras will still show up in Integrati; however, they will not be useable.

For Integrati Corporate, unlimited cameras are supported with no additional licenses required.

#### SDK Version

---

- Rest API v4

#### Tested Against

---

- Wisenet WAVE Client v4.0.0.29988 x64
- Wisenet WAVE Server v4.0.0.29988 x64
- Wisenet WAVE Client v5.0.0.35270 x64

- Wisenet WAVE Server v5.0.0.35270 x64

### Issues Resolved

---

- **Export:** Removed the ability to access the unsupported export snapshot command which resulted in unnecessary error messages.
- **Persisted Connection:** Resolved an issue that signalled persisted connection online when the connection failed to start.

## Past Release

---

### Version 1.3 – November 2020

---

#### Hanwha Compatibility

---

The Integriti Hanwha Wisenet Wave CCTV Integration will only work with Hanwha Wisenet Wave systems. Use the Integriti Hanwha Techwin CCTV Integration for connecting to Hanwha Techwin and Hanwha Wisenet NVRs.

#### Required Integriti Version License

---

Integriti Pro/Infiniti v20 license

#### Minimum Installed Integriti Version

---

Integriti Pro/Infiniti v20.0 or higher

#### Licensing Requirements

---

Integriti CCTV Integrations require Integriti Business or Integriti Corporate Software Edition.

For Integriti Business, one CCTV License is required per camera to be used in the system. Integriti Business supports 32 Cameras initially, and additional cameras can be added in lots of 8 using the 996921 CCTV - Extra 8 Cameras license. Any unlicensed Cameras will still show up in Integriti; however, they will not be useable.

For Integriti Corporate, unlimited cameras are supported with no additional licenses required.

#### SDK Version

---

- Rest API v4

#### Tested Against

---

- Wisenet WAVE Client v4.0.0.29988 x64
- Wisenet WAVE Server v4.0.0.29988 x64

#### Issues Resolved

---

- **Event Monitoring:** Resolved potential issue that could result in errors occurring when processing unsupported event types.

## Version 1.2 – October 2020

---

### Required Integriti Version License

---

Integriti Pro/Infiniti v20 license

### Minimum Installed Integriti Version

---

Integriti Pro/Infiniti v20.0 or higher

### Licensing Requirements

---

Integriti CCTV integrations require 1 CCTV camera license per Camera to be used in the system. Any Cameras that are unlicensed will still show up in Integriti, however will not be able to be used.

### SDK Version

---

- Rest API v4

### Tested Against

---

- Wisenet WAVE Client v4.0.0.29988 x64
- Wisenet WAVE Server v4.0.0.29988 x64

### Issues Resolved

---

- **Refresh Child Devices:** Resolved issue resulting in an error occurring when Refreshing Child Devices on some systems.

## Version 1.1 – September 2020

---

### Required Integriti Version License

---

Integriti Pro/Infiniti v20 license

### Minimum Installed Integriti Version

---

Integriti Pro/Infiniti v20.0 or higher

### Licensing Requirements

---

Integriti CCTV integrations require 1 CCTV camera license per Camera to be used in the system. Any Cameras that are unlicensed will still show up in Integriti, however will not be able to be used.

### SDK Version

---

- Rest API v4

### Tested Against

---

- Wisenet WAVE Client v4.0.0.29988 x64
- Wisenet WAVE Server v4.0.0.29988 x64

### New Features

---

- **Connection:** Added the HTTPS secure connection option.

### Issues Resolved

---

- **Video Viewer:** Resolved an issue that prevented viewing video when recorder credentials contained special characters.
- **Refresh Child Devices:** Resolved an issue that prevented the plugin to retrieve child devices when connected directly to an NVR.



## Version 1.0 – June 2020

---

### Required Integriti Version License

---

Integriti Pro/Infiniti v20 license

### Minimum Installed Integriti Version

---

Integriti Pro/Infiniti v20.0 or higher

### Licensing Requirements

---

Integriti CCTV integrations require 1 CCTV camera license per Camera to be used in the system. Any Cameras that are unlicensed will still show up in Integriti, however will not be able to be used.

### SDK Version

---

- Rest API v4

### Tested Against

---

- Wisenet WAVE Client v4.0.0.29988 x64
- Wisenet WAVE Server v4.0.0.29988 x64

### New Features

---

- **Initial release**