

# i-PRO Network Camera

## Extension software and their functions

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Compatibility list for extension software

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Notes on Installing Multiple Extension Software (WV-SAE series and WV-XAE1xx series) on Camera

Compatibility list for extension software

## Extension Software and Their Functions

As of May, 2022

No	Function name	Description	Extension software
1	Face Detection	Enables face detection function, and the XML notification function which notifies the server of face detection information in XML format.  1. When using the face matching function*1 with a Network Disk Recorder, use it in one of the following combinations: - WJ-NX200/NX300 recorder with Additional Business Intelligence Kit WJ-NXF02JW - WJ-NV250/NV300 recorder with Additional Business Intelligence Kit WJ-NVF20JW/NVF30JW 2. When using PC Software Package WV-ASF900. - This extension software is included in the following additional camera kit : WV-ASFE901, WV-ASFE901W, WV-ASFE904, WV-ASFE904W.	- WV-SAE100 - WV-SAE200, SAE200W - Included in WV-ASF950, WV-ASF900, WV-ASFE901W, WV-ASFE904W
2	i-VMD	<b>[Detection function]</b> Enables the following detection functions: Intruder, Loitering, Direction, Scene change, Object, and Cross line. By using this extension software, issuing an alarm on specific conditions becomes possible. <b>[People counting / Heat-map]</b> Provides information of People counting and statistical information of traffic lines. <b>[MOR (Moving Object Remover)]</b> Removes people from the image and sends only the background image, in the interest of privacy.	WV-SAE200, SAE200W
3	Best shot	Detects a face and clips it from the image to send only necessary area. When used in combination with facial recognition server WV-ASF950 series or WV-ASF900 series software, the following functions become enabled: Face matching function*2, Face search function*3, Age and Gender Statistics, People count*4 and so on.	- Included in WV-ASF950, WV-ASF900, WV-ASFE901W, WV-ASFE904W
4	People counting	Counts the number of people passing through the entrance door of a shop, building and so on, when installed on a 360-degree dome camera. WV-SAE303W is an extension software for the following 360-degree dome cameras: WV-X4171L, WV-X4571L, WV-X4571LM, and WV-S4150. This product cannot be used at the same time as i-VMD extension software WV-SAE200W <a href="#">Click here for "Installation Conditions for Extension Software WV-SAE303W"</a>	WV-SAE303W
5	AI Video Motion Detection (AI-VMD)	Automatically detects and identifies moving objects, and then issues an alarm. AI-VMD distinguishes vehicle(4-wheeler), bicycle(2-wheeler) and human from detected objects by utilizing AI technology. AI-VMD has below four detection modes to issue an alarm. <b>INTRUDER:</b> Issues an alarm when a moving object enters the designated area <b>LOITERING:</b> Issues an alarm when a moving object enters the designated area and stays there for a specified period. <b>DIRECTION:</b> Issues an alarm when a moving object enters the designated area and moves to the specified direction. <b>CROSS LINE:</b> Issues an alarm when an object moving to the specified direction crosses the designated line. Note: Available with i-PRO Network Camera with AI Engine only.	WV-XAE200W(AI-VMD)
6	AI Privacy Guard	Detects face and human utilizing AI, and applies blurring or block processing on the area so as to protect the privacy of the people on the image. Note: Available with i-PRO Network Camera with AI Engine only.	WV-XAE201W(AI Privacy Guard) AI Privacy Guard for 360-degree fisheye
7	AI Non-Mask Detection	Automatically recognizes non-mask wearers, and notifies WV-ASM300, NX series network disk recorders, and external systems of non-mask wearers information. Note: Available with i-PRO Network Camera with AI Engine only.	WV-XAE203W(AI Non-Mask Detection) *Only sold in certain areas
8	AI Occupancy Detection	You can use the "AI occupancy detection function" that automatically recognizes the occupancy status. Alarms based on the setting conditions of the AI occupancy detection function can be notified to external systems such as the WV-ASM300 and WJ-NX series network recorders. Note: Available with i-PRO Network Camera with AI Engine only.	WV-XAE207W(AI Occupancy Detection) *Only sold in certain areas
9	AI Face detection	By installing this product on the camera, notification of person's face information to multi AI server, by the face detection function and the feature extraction function. Note: Available with i-PRO Network Camera with AI Engine only.	AIFaceDetection
10	AI People Detection	By installing this product on the camera, notification of person's information to multi AI server, by the people detection function and the attribute classification function. Note: Available with i-PRO Network Camera with AI Engine only.	AIPeopleDetection
11	AI Vehicle Detection	By installing this product on the camera, notification of vehicle's information to multi AI server, by the vehicle detection function and the attribute classification function Note: Available with i-PRO Network Camera with AI Engine only.	AIVehicleDetection
12	AI-VMD/AI People Counting for 360-degree fisheye	<b>[Cross Line Counting] People Counting</b> It provides function of counting the number of people who crossed the line in a certain direction which is set with "Line" <b>[Area Counting(Queue Management)] People Counting</b> It provides function of counting the number of people in the set area. <b>[Occupancy detection]</b> Detecting the congestion via network camera with AI engine enables that information to be used direct visitors in advance or help store staff work more efficiently. <b>[Heat map]</b> Heat-map provides statistical information of traffic lines. Counts up both passing and loitering in the shooting area. <b>[AI Video Motion Detection]</b> AI differentiates between vehicles and people. It further detects and sends warning notifications when they enter a specified area. <b>Intruder detection :</b> It is possible to issue an alarm when a moving object enters a specified area. <b>Cross Line detection :</b> It is possible to issue an alarm when an object moving in the specified direction crosses a specified threshold. <b>Loitering detection:</b> It is possible to issue an alarm when a moving object enters a specified area and stays there for a specified amount of time. Note: Available with i-PRO 360-degree fisheye Network Camera with AI Engine only.	AI-VMD/AI People Counting for 360-degree fisheye

### \*2 Face matching function:

- Issues an alarm when a face is matched with the person registered in advance, in cooperation with WV-ASF950 or WV-ASF900.
- To use this function, WV-ASF900 and the optional setting for the camera which supports best shot function are needed.

### \*3 Face search function:

- Performs face search from the face image storage data, in cooperation with WV-ASF950 or WV-ASF900.
- To use this function, WV-ASF900 and the optional setting for the camera which supports best shot function are needed.

### \*4 Age and Gender Statistics / People counting:

- Displays statistics information of the number of detected people, and the gender and age information in a graph, in cooperation with WV-ASF950 or WV-ASF900.
- To use this function, WV-ASF900 and the optional setting for the camera which supports best shot function are needed.

### \*1-\*4

- The accuracy of "Face matching", "Face search", "Age and Gender Statistics", and "People counting" differs depending on the camera installation environment, settings, adjustment, surrounding environment and the subject captured.

**Notes on Installing Multiple Extension Software (WV-XAE2xx series) on S series i-PRO Network Camera with AI engine**

Up to 2 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below also lists the restrictions when using the extension software alone.

The extension software cannot be used when the image capture mode is 16: 9 mode (60fps mode), 16: 9 mode (50fps mode), 4: 3 mode (15fps mode), or 4: 3 mode (12.5fps mode).

As of May, 2022

Extension Software Status								S series i-PRO Network Camera with AI engine WV-S1136, WV-S1536L*, WV-S2136*, WV-S2136L, WV-S2236L, WV-S2536L*	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
installed	-	-	-	-	-	-	-	Yes	
-	installed	-	-	-	-	-	-	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.
-	-	installed	-	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	-	installed	-	-	-	-	Yes	
-	-	-	-	installed	-	-	-	Yes	
-	-	-	-	-	installed	-	-	Yes	
-	-	-	-	-	-	installed	-	Yes	
-	-	-	-	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) - Select "16:9 mode" for [Image capture mode].
installed	installed	-	-	-	-	-	-	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps. [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.
installed	-	installed	-	-	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	installed	-	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	-	installed	-	-	-	Yes	[Best shot] - Use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.
installed	-	-	-	-	installed	-	-	Yes	
installed	-	-	-	-	-	installed	-	Yes	
installed	-	-	-	-	-	-	installed	No	Operation is out of guarantee due that the stream additional information of WV-XAE207W is not attached.
-	installed	installed	-	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) - Select "16:9 mode" for [Image capture mode]. - When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.  [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.
-	installed	-	installed	-	-	-	-	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.  [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.
-	installed	-	-	installed	-	-	-	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.  [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.
-	installed	-	-	-	installed	-	-	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.  [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.
-	installed	-	-	-	-	installed	-	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.  [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.

**Notes on Installing Multiple Extension Software (WV-XAE2xx series) on S series i-PRO Network Camera with AI engine**

As of May, 2022

Up to 2 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below also lists the restrictions when using the extension software alone.

The extension software cannot be used when the image capture mode is 16: 9 mode (60fps mode), 16: 9 mode (50fps mode), 4: 3 mode (15fps mode), or 4: 3 mode (12.5fps mode).

Extension Software Status								S series i-PRO Network Camera with AI engine WV-S1136, WV-S1536L*, WV-S2136*, WV-S2136L, WV-S2236L, WV-S2536L*	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
-	installed	-	-	-	-	-	installed	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode]. - When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 10 fps.  [AI Privacy Guard] - The frame rate of the target stream for AI Privacy Guard will be 5 fps in maximum.
-	-	installed	installed	-	-	-	-	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	installed	-	installed	-	-	-	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	installed	-	-	installed	-	-	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	installed	-	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	installed	-	-	-	-	installed	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	-	installed	installed	-	-	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	-	-	installed	-	installed	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.
-	-	-	installed	-	-	installed	-	No	Operation is out of guarantee due to the restrictions on processing performance.
-	-	-	installed	-	-	-	installed	No	Operation is out of guarantee due to the restrictions on processing performance.
-	-	-	-	installed	installed	-	-	Yes	<b>[Best shot]</b> - Use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.
-	-	-	-	installed	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	-	installed	-	-	installed	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	-	-	-	installed	installed	-	Yes	
-	-	-	-	-	installed	-	installed	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].
-	-	-	-	-	-	installed	installed	Yes	- Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90° and "270°" are not supported.) - Select "16:9 mode" for [Image capture mode].

**Notes on Installing Multiple Extension Software (WV-XAExxx series) on X series i-PRO Network Camera with AI engine**

Up to 3 extension software applications can be installed on an i-PRO Network Camera with AI engine.□

Refer to the below table for the combinations of applications which can be installed at the same time.

“Concurrent operation = Yes” -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

“Concurrent operation = No” -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below lists the restrictions when using the extension software alone, when using two at the same time, and when using three at the same time.

As of May, 2022

Extension Software Status								5MP models WV-X1551LN, WV-X2551LN, WV-X2251L		4K models WV-X1571LN, WV-X2571LN, WV-X2271L	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks	Concurrent operation	Restrictions/ Remarks
installed	-	-	-	-	-	-	-	Yes		Yes	- When using AI-VMD, the upper frame rate limit of all streams becomes 15 fps.
-	installed	-	-	-	-	-	-	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 15 fps.	Yes	[AI Privacy Guard] - When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 15 fps.
-	-	installed	-	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) - The upper frame rate limit of the target stream for AI Privacy Guard will be 7.5 fps in maximum when "90" or "270" is selected for [Image rotation]. Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	-	installed	-	-	-	-	Yes		Yes	Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	installed	-	-	-	Yes		Yes	Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	installed	-	-	Yes		Yes	Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	-	installed	-	Yes		Yes	Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
installed	installed	-	-	-	-	-	-	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	[AI Privacy Guard] When using AI-VMD / when AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 15 fps.
installed	-	installed	-	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: AI-VMD installation restricts all the streams of a camera to 15 fps in maximum.
installed	-	-	installed	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
installed	-	-	-	installed	-	-	-	Yes	[Best shot] - When the image rotation setting is "90" or "270", use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
installed	-	-	-	-	installed	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
installed	-	-	-	-	-	installed	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
installed	-	-	-	-	-	-	installed	No	Operation is out of guarantee due that the stream additional information of WV-XAE207W is not attached.	No	Operation is out of guarantee due that the stream additional information of WV-XAE207W is not attached.
-	installed	installed	-	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	installed	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	-	installed	-	-	-	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. [Best shot] - When the image rotation setting is "90" or "270", use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. - The upper frame rate limit of the target stream for AI Privacy Guard will be 7.5 fps in maximum when "90" or "270" is selected for [Image rotation]. [Best shot] - When the image rotation setting is "90" or "270", use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.
-	installed	-	-	-	installed	-	-	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. - The upper frame rate limit of the target stream for AI Privacy Guard will be 7.5 fps in maximum when "90" or "270" is selected for [Image rotation].
-	installed	-	-	-	-	installed	-	Yes	[AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. - The upper frame rate limit of the target stream for AI Privacy Guard will be 7.5 fps in maximum when "90" or "270" is selected for [Image rotation].
-	installed	-	-	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. - The upper frame rate limit of the target stream for AI Privacy Guard will be 7.5 fps in maximum when "90" or "270" is selected for [Image rotation].

**Notes on Installing Multiple Extension Software (WV-XAExxx series) on X series i-PRO Network Camera with AI engine**

Up to 3 extension software applications can be installed on an i-PRO Network Camera with AI engine.□

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below lists the restrictions when using the extension software alone, when using two at the same time, and when using three at the same time.

As of May, 2022

Extension Software Status								5MP models WV-X1511LN, WV-X2551LN, WV-X2251L		4K models WV-X1571LN, WV-X2571LN, WV-X2271L	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks	Concurrent operation	Restrictions/ Remarks
-	-	installed	installed	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	installed	-	installed	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	installed	-	-	installed	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	installed	-	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	installed	-	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	-	installed	installed	-	-	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	-	-	installed	-	installed	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	installed	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	installed	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	installed	installed	-	-	Yes	[Best shot] - When the image rotation setting is "90" or "270", use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	installed	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	-	installed	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	installed	installed	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	installed	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	-	installed	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
installed	installed	installed	-	-	-	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	installed	-	installed	-	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	installed	-	-	installed	-	-	-	Yes	- The Image Capture size of stream (1) must be set to "2560x1440". ("3072x1728" cannot be used) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. [Best shot] - When the image rotation setting is "90" or "270", use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
installed	installed	-	-	-	installed	-	-	Yes	- The Image Capture size of stream (1) must be set to "2560x1440". ("3072x1728" cannot be used) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps. [AIPeopleDetection] -Attribute extraction for bags and shoes must be set to "Off". ("On"cannot be used)

**Notes on Installing Multiple Extension Software (WV-XAExxx series) on X series i-PRO Network Camera with AI engine**

Up to 3 extension software applications can be installed on an i-PRO Network Camera with AI engine.□

Refer to the below table for the combinations of applications which can be installed at the same time.

“Concurrent operation = Yes” -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

“Concurrent operation = No” -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below lists the restrictions when using the extension software alone, when using two at the same time, and when using three at the same time.

As of May, 2022

Extension Software Status								5MP models WV-X1551LN, WV-X2551LN, WV-X2251L		4K models WV-X1571LN, WV-X2571LN, WV-X2271L	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks	Concurrent operation	Restrictions/ Remarks
installed	installed	-	-	-	-	installed	-	Yes	- The Image Capture size of stream (1) must be set to "2560x1440". ("3072x1728" cannot be used) - Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
installed	installed	-	-	-	-	-	installed	No	Operation is out of guarantee due that the stream additional information of WV-XAE207W is not attached.	No	Operation is out of guarantee due that the stream additional information of WV-XAE207W is not attached.
installed	-	installed	installed	-	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	installed	-	installed	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	installed	-	-	installed	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	installed	-	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
installed	-	installed	-	-	-	-	installed	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	installed	installed	-	-	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
installed	-	-	installed	-	installed	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	-	installed	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
installed	-	-	installed	-	-	-	installed	No	Operation is out of guarantee due to the camera specifications.	No	Operation is out of guarantee due to the camera specifications.
installed	-	-	-	installed	installed	-	-	Yes	- The Image Capture size of stream (1) must be set to "2560x1440". ("3072x1728" cannot be used) [Best shot] - Select "0" (Off) or "180" (Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [Best shot] Use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool. [AIPeopleDetection] -Attribute extraction for bags and shoes must be set to "Off". ("On" cannot be used)
installed	-	-	-	installed	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
installed	-	-	-	installed	-	-	installed	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	-	-	installed	installed	-	Yes	- The Image Capture size of stream (1) must be set to "2560x1440". ("3072x1728" cannot be used) - Select "0" (Off) or "180" (Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [Vehicle best shot] -When more than 20 detection targets (people or vehicles) are captured, i-PRO Configuration Tool may not display detection frames on vehicles.
installed	-	-	-	-	installed	-	installed	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	-	-	-	installed	installed	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
-	installed	installed	installed	-	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
-	installed	installed	-	installed	-	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
-	installed	installed	-	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	installed	installed	-	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	installed	installed	-	-	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	installed	-	installed	-	installed	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	No	Operation is out of guarantee due to the restrictions on processing performance.
-	installed	-	installed	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera

**Notes on Installing Multiple Extension Software (WV-XAExxx series) on X series i-PRO Network Camera with AI engine**

Up to 3 extension software applications can be installed on an i-PRO Network Camera with AI engine.□

Refer to the below table for the combinations of applications which can be installed at the same time.

“Concurrent operation = Yes” -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

“Concurrent operation = No” -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below lists the restrictions when using the extension software alone, when using two at the same time, and when using three at the same time.

As of May, 2022

Extension Software Status								5MP models WV-X1551LN, WV-X2551LN, WV-X2251L		4K models WV-X1571LN, WV-X2571LN, WV-X2271L	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks	Concurrent operation	Restrictions/ Remarks
-	installed	-	installed	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	installed	-	-	installed	installed	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	-	installed	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	installed	-	-	installed	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	-	-	installed	installed	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" may cause drop in processing performance of extension software) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	-	-	installed	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	installed	-	-	-	-	installed	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum. [AI Privacy Guard] - The upper frame rate of the target stream for AI Privacy Guard will become 10 fps.
-	-	installed	installed	installed	-	-	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	-	installed	installed	installed	installed	-	-	No	Operation is out of guarantee due to the restrictions on processing performance.	No	Operation is out of guarantee due to the restrictions on processing performance.
-	-	installed	installed	-	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	installed	installed	-	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	installed	-	installed	installed	-	-	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum. [Best shot] - Use CGI to set the value of feat_switch to 0 (default value is 1). However, you will not be able to perform a matching search on the face matching confirmation screen of the i-PRO Configuration Tool.
-	-	installed	-	installed	-	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	installed	-	installed	-	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	installed	-	-	installed	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	installed	-	installed	installed	-	installed	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off) or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: Non-mask detection or Occupancy detection installation restricts all the streams of a camera to 15 fps in maximum.
-	-	installed	-	-	-	installed	installed	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	installed	installed	installed	-	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	-	-	installed	installed	-	installed	-	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	-	-	installed	installed	-	-	installed	No	Operation is out of guarantee (Not intended to be operated simultaneously)	No	Operation is out of guarantee (Not intended to be operated simultaneously)
-	-	-	installed	-	installed	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera



**Notes on Installing Multiple Extension Software (WV-XAExxx series) on X series i-PRO Network Camera with AI engine**

Up to 3 extension software applications can be installed on an i-PRO Network Camera with AI engine.□

Refer to the below table for the combinations of applications which can be installed at the same time.

“Concurrent operation = Yes” -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

“Concurrent operation = No” -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below lists the restrictions when using the extension software alone, when using two at the same time, and when using three at the same time.

As of May, 2022

Extension Software Status								5MP models WV-X1551LN, WV-X2551LN, WV-X2251L		4K models WV-X1571LN, WV-X2571LN, WV-X2271L	
WV-XAE200W (AI-VMD)	WV-XAE201W (AI Privacy Guard)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	WV-ASF950, WV-ASF900 Camera extension software	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks	Concurrent operation	Restrictions/ Remarks
-	-	-	installed	-	installed	-	installed	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	installed	-	-	installed	installed	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	-	installed	installed	installed	-	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	-	installed	installed	-	installed	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	installed	-	installed	installed	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera	No	Operation is out of guarantee due to the difference in recommended mounting angle of camera
-	-	-	-	installed	-	installed	installed	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.
-	-	-	-	-	installed	installed	installed	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.)	Yes	- Select "0"(Off)" or "180"(Upside-down) for [Image rotation]. ("90" and "270" are not supported.) Note: All the streams of a camera to 15 fps in maximum.

## Notes on Installing Multiple Extension Software (WV-XAExxx series) on Multi-Sensor i-PRO Network Camera with AI engine

As of May, 2022

Up to 4 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The following table shows the restrictions when using the extension software alone and when using multiple software at the same time.

The upper limit of frame rate for all streams will be 7.5fps for 4K,6M type and 15fps for 4M type.

Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90°" and "270°" are not supported.)

It is not possible to install two or more of the same extension software on a single sensor channel.

The use of extension software in Panorama mode or Quad mode is deprecated.

Extension Software Status						4K/6M/4MType, 4 Lens/3 Lens, [Image capture mode] is set to normal mode. WV-S8574L*, WV-S8573L*, WV-S8564L*, WV-S8563L*, WV-S8544*, WV-S8543*	
WV-XAE200W (AI-VMD)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
installed	-	-	-	-	-	Yes	Up to four extension software applications can be installed.
-	installed	-	-	-	-	Yes	Up to four extension software applications can be installed.
-	-	installed	-	-	-	Yes	Up to two extension software applications can be installed.
-	-	-	installed	-	-	Yes	Up to four extension software applications can be installed.
-	-	-	-	installed	-	Yes	Up to four extension software applications can be installed.
-	-	-	-	-	installed	Yes	Up to four extension software applications can be installed.
installed	installed	-	-	-	-	Yes	- A total of four extension software applications can be installed.
installed	-	installed	-	-	-	Yes	- Up to two "AI-VMD" can be installed. - AI Face detection" can be installed up to one.
installed	-	-	installed	-	-	Yes	- A total of four extension software applications can be installed.
installed	-	-	-	installed	-	Yes	- A total of four extension software applications can be installed.
-	installed	installed	-	-	-	Yes	- Up to two "AI Non-Mask Detection" can be installed. - AI Face detection" can be installed up to one.
-	installed	-	installed	-	-	Yes	- A total of four extension software applications can be installed.
-	installed	-	-	installed	-	Yes	- A total of four extension software applications can be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.
-	-	installed	installed	-	-	Yes	- AI Face detection" can be installed up to one. - Up to two AI People Detection can be installed.
-	-	installed	-	installed	-	Yes	- AI Face detection" can be installed up to one. - Up to two AI People Detection can be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Face detection and AI Vehicle Detection are recommended to be used on separate channels.
-	-	-	installed	installed	-	Yes	- A total of four extension software applications can be installed.

## Notes on Installing Multiple Extension Software (WV-XAExxx series) on Multi-Sensor i-PRO Network Camera with AI engine

As of May, 2022

Up to 4 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The following table shows the restrictions when using the extension software alone and when using multiple software at the same time.

The upper limit of frame rate for all streams will be 7.5fps for 4K,6M type and 15fps for 4M type.

Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90°" and "270°" are not supported.)

It is not possible to install two or more of the same extension software on a single sensor channel.

The use of extension software in Panorama mode or Quad mode is deprecated.

Extension Software Status						4K/6M/4MType, 4 Lens/3 Lens, [Image capture mode] is set to normal mode. WV-S8574L*, WV-S8573L*, WV-S8564L*, WV-S8563L*, WV-S8544*, WV-S8543*	
WV-XAE200W (AI-VMD)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
installed	-	-	-	-	installed	Yes	- "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large.
-	installed	-	-	-	installed	Yes	- A total of four extension software applications can be installed.
-	-	installed	-	-	installed	Yes	- "AI Face detection" can be installed up to one. - Up to two AI Occupancy Detection can be installed.
-	-	-	installed	-	installed	Yes	- A total of four extension software applications can be installed.
-	-	-	-	installed	installed	Yes	- A total of four extension software applications can be installed.
installed	installed	installed	-	-	-	Yes	- No duplicate applications may be installed.
installed	installed	-	installed	-	-	Yes	- A total of four extension software applications can be installed.
installed	installed	-	-	installed	-	Yes	- A total of four extension software applications can be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.
installed	installed	-	-	-	installed	Yes	- A total of four extension software applications can be installed. - "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large.
installed	-	installed	installed	-	-	Yes	- No duplicate applications may be installed.
installed	-	installed	-	installed	-	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Face detection and AI Vehicle Detection are recommended to be used on separate channels.

## Notes on Installing Multiple Extension Software (WV-XAExxx series) on Multi-Sensor i-PRO Network Camera with AI engine

As of May, 2022

Up to 4 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The following table shows the restrictions when using the extension software alone and when using multiple software at the same time.

The upper limit of frame rate for all streams will be 7.5fps for 4K,6M type and 15fps for 4M type.

Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90°" and "270°" are not supported.)

It is not possible to install two or more of the same extension software on a single sensor channel.

The use of extension software in Panorama mode or Quad mode is deprecated.

Extension Software Status						4K/6M/4MType, 4 Lens/3 Lens, [Image capture mode] is set to normal mode. WV-S8574L*, WV-S8573L*, WV-S8564L*, WV-S8563L*, WV-S8544*, WV-S8543*	
WV-XAE200W (AI-VMD)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
installed	-	installed	-	-	installed	Yes	- No duplicate applications may be installed. - "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large.
installed	-	-	installed	installed	-	Yes	- A total of four extension software applications can be installed.
installed	-	-	installed	-	installed	Yes	- A total of four extension software applications can be installed. - "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large.
installed	-	-	-	installed	installed	Yes	- A total of four extension software applications can be installed. - "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large..
-	installed	installed	installed	-	-	Yes	- No duplicate applications may be installed.
-	installed	installed	-	installed	-	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels. - Due to the difference in the recommended mounting angle of the cameras, AI Face detection and AI Vehicle Detection are recommended to be used on separate channels.
-	installed	installed	-	-	installed	Yes	- No duplicate applications may be installed.

**Notes on Installing Multiple Extension Software (WV-XAExxx series) on Multi-Sensor i-PRO Network Camera with AI engine**

As of May, 2022

Up to 4 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

“Concurrent operation = Yes” -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

“Concurrent operation = No” -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The following table shows the restrictions when using the extension software alone and when using multiple software at the same time.

The upper limit of frame rate for all streams will be 7.5fps for 4K,6M type and 15fps for 4M type.

Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90°" and "270°" are not supported.)

It is not possible to install two or more of the same extension software on a single sensor channel.

The use of extension software in Panorama mode or Quad mode is deprecated.

Extension Software Status						4K/6M/4MType, 4 Lens/3 Lens, [Image capture mode] is set to normal mode. WV-S8574L*, WV-S8573L*, WV-S8564L*, WV-S8563L*, WV-S8544*, WV-S8543*	
WV-XAE200W (AI-VMD)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
-	installed	-	installed	installed	-	Yes	- A total of four extension software applications can be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.
-	installed	-	installed	-	installed	Yes	- A total of four extension software applications can be installed.
-	installed	-	-	installed	installed	Yes	- A total of four extension software applications can be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.
-	-	installed	installed	installed	-	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Face detection and AI Vehicle Detection are recommended to be used on separate channels.
-	-	installed	installed	-	installed	Yes	- No duplicate applications may be installed.
-	-	installed	-	installed	installed	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Face detection and AI Vehicle Detection are recommended to be used on separate channels.
-	-	-	installed	installed	installed	Yes	- A total of four extension software applications can be installed.
installed	installed	installed	installed	-	-	No	- Operation is out of guarantee due to the restrictions on processing performance.
installed	installed	installed	-	installed	-	No	- Operation is out of guarantee due to the restrictions on processing performance.
installed	installed	installed	-	-	installed	No	- Operation is out of guarantee due to the restrictions on processing performance.
installed	installed	-	installed	installed	-	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.

## Notes on Installing Multiple Extension Software (WV-XAExxx series) on Multi-Sensor i-PRO Network Camera with AI engine

As of May, 2022

Up to 4 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The following table shows the restrictions when using the extension software alone and when using multiple software at the same time.

The upper limit of frame rate for all streams will be 7.5fps for 4K,6M type and 15fps for 4M type.

Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90°" and "270°" are not supported.)

It is not possible to install two or more of the same extension software on a single sensor channel.

The use of extension software in Panorama mode or Quad mode is deprecated.

Extension Software Status						4K/6M/4MType, 4 Lens/3 Lens, [Image capture mode] is set to normal mode. WV-S8574L*, WV-S8573L*, WV-S8564L*, WV-S8563L*, WV-S8544*, WV-S8543*	
WV-XAE200W (AI-VMD)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
installed	installed	-	installed	-	installed	Yes	- No duplicate applications may be installed. - "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large.
installed	-	installed	installed	installed	-	No	- Operation is out of guarantee due to the restrictions on processing performance.
installed	-	installed	installed	-	installed	No	- Operation is out of guarantee due to the restrictions on processing performance.
-	installed	installed	installed	installed	-	No	- Operation is out of guarantee due to the restrictions on processing performance.
-	installed	installed	installed	-	installed	No	- Operation is out of guarantee due to the restrictions on processing performance.
installed	installed	-	-	installed	installed	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.
installed	-	installed	-	installed	installed	No	- Operation is out of guarantee due to the restrictions on processing performance.
installed	-	-	installed	installed	installed	Yes	- No duplicate applications may be installed. - "AI-VMD" and "AI Occupancy Detection" cannot be installed on the same channel. This is because when the number of detection frames for each application is large (approx. 20 or more for each application), the additional stream information of the WV-XAE207W will become too large.
-	installed	installed	-	installed	installed	No	- Operation is out of guarantee due to the restrictions on processing performance.

## Notes on Installing Multiple Extension Software (WV-XAExxx series) on Multi-Sensor i-PRO Network Camera with AI engine

As of May, 2022

Up to 4 extension software applications can be installed on an i-PRO Network Camera with AI engine.

Refer to the below table for the combinations of applications which can be installed at the same time.

"Concurrent operation = Yes" -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

"Concurrent operation = No" -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The following table shows the restrictions when using the extension software alone and when using multiple software at the same time.

The upper limit of frame rate for all streams will be 7.5fps for 4K,6M type and 15fps for 4M type.

Select "0°(Off)" or "180°(Upside-down)" for [Image rotation]. ("90°" and "270°" are not supported.)

It is not possible to install two or more of the same extension software on a single sensor channel.

The use of extension software in Panorama mode or Quad mode is deprecated.

Extension Software Status						4K/6M/4MType, 4 Lens/3 Lens, [Image capture mode] is set to normal mode. WV-S8574L*, WV-S8573L*, WV-S8564L*, WV-S8563L*, WV-S8544*, WV-S8543*	
WV-XAE200W (AI-VMD)	WV-XAE203W (AI Non-Mask Detection) *Only sold in certain areas	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	WV-XAE207W (AI Occupancy Detection) *Only sold in certain areas	Concurrent operation	Restrictions/ Remarks
-	installed	-	installed	installed	installed	Yes	- No duplicate applications may be installed. - Due to the difference in the recommended mounting angle of the cameras, AI Non-Mask Detection and AI Vehicle Detection are recommended to be used on separate channels.
-	-	installed	installed	installed	installed	No	- Operation is out of guarantee due to the restrictions on processing performance.

## Notes on Installing Multiple Extension Software for 360-degree fisheye i-PRO Network Camera

Up to 3 extension software applications can be installed on an i-PRO Network Camera with AI engine.□

Refer to the below table for the combinations of applications which can be installed at the same time.

As of May, 2022.

“Concurrent operation = Yes” -> Concurrent operation is possible. Note that there are restrictions as described in the below table.

“Concurrent operation = No” -> Concurrent operation is NOT possible (Although simultaneous installation is possible, the performance is not guaranteed.)

The table below lists the restrictions when using the extension software alone, when using two at the same time, and when using three at the same time.

Extension Software Status		5MP models WV-S4156, WV-S4556L*		12MP models WV-S4176, WV-S4576L	
AI-VMD/AI People Counting for 360-degree fisheye	AI Privacy Guard for 360-degree fisheye	Concurrent operation	Restrictions/ Remarks	Concurrent operation	Restrictions/ Remarks
installed	-	Yes		Yes	- When AI-VMD/AI People Counting is enabled, the upper frame rate limit of all streams becomes 15 fps.
-	installed	Yes	<b>[AI Privacy Guard]</b> - The frame rate of the target stream for AI Privacy Guard will be 15 fps in maximum.	Yes	- When AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 15 fps.
installed	installed	Yes	<b>[AI Privacy Guard]</b> - The frame rate of the target stream for AI Privacy Guard will be 10 fps in maximum.	Yes	- AI-VMD/AI People Counting or AI Privacy Guard is enabled, the upper frame rate limit of all streams becomes 15 fps. <b>[AI Privacy Guard]</b> - The frame rate of the target stream for AI Privacy Guard will be 10 fps in maximum.



## Notes on Installing Multiple Extension Software (WV-SAE series and WV-XAE1xx series) on Camera

As of May, 2022

Please refer to the table below for combinations of function enhancement software that can be installed at the same time

✓ ...After installing and activating, select and use one of the extension software

× ...Please install only one of the extension software. Two software cannot install or activate at the same time

- For NTSC/PAL (Except Chinese market) models

iVMD Extension Software

Install later / Install first	WV-XAE100	WV-SAE100	WV-SAE200, WV-SAE200W, iVMD Extension Software	WV-ASF950/WV-ASF900 Camera extension software	WV-SAE303W
WV-XAE100	Please uninstall it for version upgrade	Cannot install	Cannot install	Cannot install	Cannot install
WV-SAE100	Not activatable	Overwrite	✓	✓	No corresponding camera
WV-SAE200, WV-SAE200W, iVMD Extension Software	Not activatable	✓	Overwrite	✓	Cannot install
WV-ASF950, WV-ASF900 Camera extension software	Not activatable	✓	✓	Overwrite	No corresponding camera
WV-SAE303W	Cannot install	No corresponding camera	Cannot install	No corresponding camera	Overwrite

Compatibility list for extension software

As of May, 2022

- For NTSC/PAL (Except Chinese market) models

PTZ Cameras																	
Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	I-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/AI People Counting for 360- degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
WV-X6533LNS	-	Type4	-	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S6532LNS	-	Type4	-	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X6533LN	-	Type4	-	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S6532LN	-	Type4	-	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X6531NS	Yes	Type4	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X6531N	Yes	Type4	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X6511N	Yes	Type4	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S6530N	-	Type4	Type4	-	-	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-S6131	-	Type4	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S6130	-	Type4	Type4	-	Type4	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-S6111	-	Type4	Type4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SUD638B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SUD638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW598A	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW598	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW397A	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW397	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SC588A	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SC588	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SC387A	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SC387	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW397B	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW396A	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW396	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW395A	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW395	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SC386	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SC385	-	Type1	-	-	Type1	-	-	-	-	-	-	-	-	-	-	support	support *1
WV-SC384	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	support *1	-

Note \*1: The face matching function in "2CH mode" isn't supported.  
 Note: Type1(V2.42 or more), Type2(V2.40 or more), Type4(V1.90 or more)

All version notes are for the camera firmware version.

Compatibility list for extension software

- For NTSC/PAL (Except Chinese market) models

Fixed Dome Network Cameras

Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/IAI People Counting for 360- degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
WV-S8574LN	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8574LG	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8574L	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8573LN	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8573LG	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8573L	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8564LN	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8564LG	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8564L	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8563LN	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8563LG	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8563L	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8544LN	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8544LG	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8544L	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8544G	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8544	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8543LN	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8543LG	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8543L	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8543G	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8543	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S8543N	-	-	-	-	-	-	Type1	-	Type1 *3	Type1 *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S2136L	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2136B	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2136G	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2136-B	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2136	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2236L	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2236LTN	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1	Type1	Type1	-	-	-	-
WV-S2236LN	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S2236L	-	-	-	-	Type5 (WV-ASF950 only support)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *2	Type1	Type1	-	-	-	-
WV-S8531N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X8571N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2252L	-	-	Type7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2272L	-	-	Type7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2552L	-	-	Type7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2572L	-	-	Type7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X2571LN	-	-	-	-	Type5 (V1.50 or more) (WV-ASF950)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 (V1.50 or more) *5	Type1 (V1.50 or more)	Type1 (V1.50 or more)	-	-	-	-
WV-X2271L	-	-	-	-	Type5 (V1.50 or more) (WV-ASF950)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 (V1.50 or more) *5	Type1 (V1.50 or more)	Type1 (V1.50 or more)	-	-	-	-
WV-X2551LN	-	-	-	-	Type5 (V1.50 or more) (WV-ASF950)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 (V1.50 or more) *5	Type1 (V1.50 or more)	Type1 (V1.50 or more)	-	-	-	-
WV-X2251L	-	-	-	-	Type5 (V1.50 or more) (WV-ASF950)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 (V1.50 or more) *5	Type1 (V1.50 or more)	Type1 (V1.50 or more)	-	-	-	-
WV-U2130LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2132LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2140LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2142LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2530LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2532LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2540LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2542LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2130L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2132L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2140L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2142L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2530L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2532L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2540L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U2542L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2270L	-	-	-	Type6	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2570L	-	-	-	Type6	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S352LM	-	Type4(V1.90 or more)	Type4(V1.90 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S3531L	-	Type4(V1.90 or more)	Type4(V1.90 or more)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S3512LM	-	Type4(V1.90 or more)	Type4(V1.90 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S3511L	-	Type4(V1.90 or more)	Type4(V1.90 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S3131L	-	Type4(V1.90 or more)	Type4(V1.90 or more)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S3111L	-	Type4(V1.90 or more)	Type4(V1.90 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S8530N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X8570N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2250L	-	-	-	Type6(V1.10)	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2550L	-	-	-	Type6(V1.10)	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2531LTN	-	Type4(V1.41)	Type4(V1.41)	-	Type4 (V1.46)	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-S2531LN	-	Type4(V1.41)	Type4(V1.41)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2531LL	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2231L	-	Type4(V1.41)	Type4(V1.41)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2211L	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2131L	-	Type4(V1.41)	Type4(V1.41)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2131	-	Type4(V1.41)	Type4(V1.41)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2130	-	Type4(V1.41)	Type4(V1.41)	-	(Type4) with limited condition *2	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2111L	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S2110	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV781L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV631LT	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SFV631L	-	Type2(V2.40 or more)	Type2(V2.40 or more) *1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV611L	-	Type2(V2.40 or more)	Type2(V2.40 or more) *1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV531	-	Type2(V2.40 or more)	Type2(V2.40 or more) *1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW559	-	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV311A	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV310	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV130M	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV130	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV110M	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFV110	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFR631L	-	Type2(V2.40 or more)	Type2(V2.40 or more) *1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFR611L	-	Type2(V2.40 or more)	Type2(V2.40 or more) *1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFR531	-	Type2(V2.40 or more)	Type2(V2.40 or more) *1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Compatibility list for extension software

- For NTSC/PAL (Except Chinese market) models															
WW-SFR311	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SFR310	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SFN631L	-	Type2(V2.40 or more)	Type2(V2.40 or more)	*1	-	-	-	-	-	-	-	-	-	-	-
WW-SFN611L	-	Type2(V2.40 or more)	Type2(V2.40 or more)	*1	-	-	-	-	-	-	-	-	-	-	-
WW-SFN531	-	Type2(V2.40 or more)	Type2(V2.40 or more)	*1	-	-	-	-	-	-	-	-	-	-	-
WW-SFN311/A	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SFN310/A	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SFN130	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SFN110	-	Type2(V2.40 or more)	Type2(V2.40 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SBV131M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SBV111M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW556	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW158	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF549	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF548	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF539	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF538	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF138	-	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW355	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW352	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW155M	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW155	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW152M	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW152	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SW115	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF346	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF342	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF336	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF335	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF332	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF135	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-SF132	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-
WW-NW502S	-	Type1(V2.42 or more)	-	-	-	-	-	-	-	-	-	-	-	-	-

Note \*1: Make initializing HTML and Configuration settings at maintenance screen after registering I-VMD Extension.

Note \*2: The camera may not get the recommended angle of view and its accuracy may be reduced. please refer to "WW-ASF950 Camera angle adjustment"(https://bizpartner.panasonic.net/extranet/file/ww-asf950-camera-angle-adjustment). (The registration for Panasonic B2B Extranet is required for access)

Note \*3: Only sold in certain areas

Note \*5: Accuracy for face matching may be getting worse due to not meeting recommended angle of view.

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

Compatibility list for extension software

- For NTSC/PAL (Except Chinese market) models

Fixed Network Cameras																	
Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/IAI People Counting for 360- degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
WV-S1136	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *4	Type1	Type1	-	-	-	-
WV-S1536LTN	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S1536LNS	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S1536LNB	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S1536LN	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S1536LB	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S1536L	-	-	-	-	Type5 (WV-ASF950 only support)*1	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 *5	Type1	Type1	-	-	-	-
WV-S1552L	-	-	Type7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1572L	-	-	Type7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X1571LN	-	-	-	-	Type5 (V1.50 or more) (WV-ASF950-)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 (V1.50 or more) *5	Type1 (V1.50 or more)	Type1 (V1.50 or more)	-	-	-	-
WV-X1551LN	-	-	-	-	Type5 (V1.50 or more) (WV-ASF950-)	-	Type1	Type1	Type1 (V1.30 or more) *3	Type1 (V1.30 or more) *3	Type1 (V1.50 or more) *5	Type1 (V1.50 or more)	Type1 (V1.50 or more)	-	-	-	-
WV-U1130A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1132A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1142A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1532LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1542LA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1532L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-U1542L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1570L	-	-	-	Type6	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1550L	-	-	Type6(V1.10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1531LTN	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1531LNS	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1531LN	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1511LN	-	Type4(V1.41)	Type4(V1.41)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S1132	-	Type4(V1.40)	Type4(V1.40)	-	Type4 (V1.46)	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-S1131	-	Type4(V1.40)	Type4(V1.40)	-	Type4 (V1.46)	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-S1112	-	Type4(V1.40)	Type4(V1.40)	-	Type4 (V1.46)	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-S1111	-	Type4(V1.40)	Type4(V1.40)	-	Type4 (V1.46)	-	-	-	-	-	-	-	-	-	-	support (V1.70)	support (V1.70)
WV-SPV781L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW631LT	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW631L	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW611L	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW611	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW532L	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW531AL	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW312L	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPW311AL	-	Type2	Type2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SPN631	-	Type2	Type2	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN611	-	Type2	Type2	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN51A	-	Type2	Type2 *1	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN531	-	Type2	Type2 *1	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN311A	-	Type2	Type2	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN311	-	Type2	Type2	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN310A	-	Type2	Type2	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SPN310	-	Type2	Type2	-	Type2	-	-	-	-	-	-	-	-	-	-	support	support
WV-SP509	-	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	support *2	-
WV-SP508	-	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	support *2	-
WV-SW316L	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW316	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW314	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SP306	-	Type1	-	-	Type1	-	-	-	-	-	-	-	-	-	-	support	support
WV-SP305	-	Type1	-	-	Type1	-	-	-	-	-	-	-	-	-	-	support	support
WV-SP302	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SP105	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SP102	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-NP502	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note \*1: Make initializing HTML and Configuration settings at maintenance screen after registering i-VMD Extension.  
 Note \*2: The face matching function in "2CH mode" isn't supported.  
 Note \*3: Only sold in certain areas.  
 Note \*4: There are requirements for lens. For more detail, please refer to WV-ASF950 spec sheet (<https://bizpartner.panasonic.net/public/product/wv-asf950?category=2025>).  
 Note \*5: Accuracy for face matching may be getting worse due to not meeting recommended angle of view.  
 Note: Type1(V1.42 or more), Type2(V1.40 or more), Type4(V1.90 or more)

All version notes are for the camera firmware version.

Compatibility list for extension software

- For NTSC/PAL (Except Chinese market) models

360-degree Network Cameras																	
Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/AI People Counting for 360- degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
WV-S4156	-	-	-	-	-	-	-	-	-	-	-	-	-	Type1	Type1	-	-
WV-S4176	-	-	-	-	-	-	-	-	-	-	-	-	-	Type1	Type1	-	-
WV-S4556LM	-	-	-	-	-	-	-	-	-	-	-	-	-	Type1	Type1	-	-
WV-S4556L	-	-	-	-	-	-	-	-	-	-	-	-	-	Type1	Type1	-	-
WV-S4576LM	-	-	-	-	-	-	-	-	-	-	-	-	-	Type1	Type1	-	-
WV-S4576L	-	-	-	-	-	-	-	-	-	-	-	-	-	Type1	Type1	-	-
WV-S4151	-	-	Type8	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-
WV-S4551LM	-	-	Type8	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-
WV-S4551L	-	-	Type8	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-
WV-X4172	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X4173	-	-	Type8	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-
WV-X4573LM	-	-	Type8	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-
WV-X4573L	-	-	Type8	-	-	Type8	-	-	-	-	-	-	-	-	-	-	-
WV-X4170	-	-	Type5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-X4171	-	-	Type5	-	-	Type5	-	-	-	-	-	-	-	-	-	-	-
WV-X4571L	-	-	Type5	-	-	Type5	-	-	-	-	-	-	-	-	-	-	-
WV-X4571LM	-	-	Type5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S4550(L/M)	-	-	Type5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-S4150	-	-	Type5	-	-	Type5	-	-	-	-	-	-	-	-	-	-	-
WV-SFV481	-	-	Type3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SFN480	-	-	Type3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW459	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW458M	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW458MA	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SF438	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SF448E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

All version notes are for the camera firmware version.

Pan/Tilt Network Cameras

Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/AI People Counting for 360- degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
WV-SW175	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW174W	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-SW172	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-ST165	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WV-ST162	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

Compatibility list for extension software

- For NTSC/PAL (Except Chinese market) models

Network Video Interfaces																	
Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/AI People Counting for 360-degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
WJ-GXE500	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WJ-GXE100	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WJ-GXD400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

Home Network Products																	
Model Numbers	WV-XAE100	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software	WV-SAE303W	WV-XAE200W	WV-XAE201W	WV-XAE203W	WV-XAE207W	AIFaceDetection	AIPeopleDetection	AIVehicleDetection	AI-VMD/AI People Counting for 360-degree fisheye	AI Privacy Guard for 360-degree fisheye	WJ-NV300 Series (Recommended face matching function)	WJ-NX200/NX300 Series (Recommended face matching function)
BL-VT164W	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VT164WU	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VT164WBR	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VT164	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VT164U	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VP104W	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VP104WU	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VP104WBR	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VP104	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BL-VP101	-	Type1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

## Notes on Installing Multiple Extension Software (WV-SAE series and WV-XAE1xx series) on Camera

As of May, 2022

Please refer to the table below for combinations of function enhancement software that can be installed at the same time

✓ ...After installing and activating, select and use one of the extension software

× ...Please install only one of the extension software. Two software cannot install or activate at the same time

- For Chinese market models

iVMD Extension Software

Install later / Install first	WV-SAE100	WV-SAE200, WV-SAE200W, iVMD Extension Software	WV-ASF950/WV-ASF900 Camera extension software
WV-SAE100	Overwrite	✓	✓
WV-SAE200, WV-SAE200W, iVMD Extension Software	✓	Overwrite	✓
WV-ASF950, WV-ASF900 Camera extension software	✓	✓	Overwrite



## Compatibility list for extension software

- For Chinese market models

PTZ Cameras				
Model Numbers	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software
WV-X6533LNH	Type4	Type4	-	-
WV-X6531NH	Type4	Type4	-	-
WV-S6530NH	Type4	Type4	-	-
WV-S6131H	Type4	Type4	-	-
WV-S6130H	Type4	Type4	-	Type4(V1.70)
WV-SUD638H	-	-	-	-
WV-SUD638BH	-	-	-	-
WV-SW598H	Type1	-	-	-
WV-SW598AH	Type1	-	-	-
WV-SW397H	Type1	-	-	-
WV-SW397BH	Type1	-	-	-
WV-SW397AH	Type1	-	-	-
WV-SC588H	Type1	-	-	-
WV-SC588AH	Type1	-	-	-
WV-SC387AH	Type1	-	-	-
WV-SW396H	Type1	-	-	-
WV-SW396AH	Type1	-	-	-
WV-SW395H	Type1	-	-	-
WV-SW395AH	Type1	-	-	-
WV-SC386H	Type1	-	-	-
WV-SC385H	Type1	-	-	Type1
WV-SC384H	Type1	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

## Compatibility list for extension software

- For Chinese market models

### Fixed Dome Network Cameras

Model Numbers	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software
WV-S2550LH	-	Type6(V1.10)	-	-
WV-S2270LH	-	Type6	-	-
WV-X8570NH	-	-	-	-
WV-S2532LH	Type4	Type4	-	-
WV-SFV781LH	-	-	-	-
WV-SFV631LH	Type2	Type2 *1	-	-
WV-SFV611LH	Type2	Type2 *1	-	-
WV-SFV533LH	Type2	Type2 *1	-	-
WV-SFV313LH	Type2	Type2 *1	-	-
WV-SFV130H	Type2	Type2	-	-
WV-SFV110H	Type2	Type2	-	-
WV-SFN631LH	Type2	Type2 *1	-	-
WV-SFN611LH	Type2	Type2 *1	-	-
WV-SFN533LH	Type2	Type2 *1	-	-
WV-SFN533H	Type2	Type2 *1	-	-
WV-SFN532H	Type2	Type2 *1	-	-
WV-SFN313LH	Type2	Type2 *1	-	-
WV-SFN313H	Type2	Type2 *1	-	-
WV-SFN311LH	Type2	Type2	-	-
WV-SFN311H	Type2	Type2	-	-
WV-SFN130H	Type2	Type2	-	-
WV-SFN110H	Type2	Type2	-	-
WV-SW559H	-	Type1	-	-
WV-SW558H	-	Type1	-	-
WV-SW158H	-	Type1	-	-
WV-SF549H	-	Type1	-	-
WV-SF548H	-	Type1	-	-
WV-SF539H	-	Type1	-	-
WV-SF538H	-	Type1	-	-
WV-SF138H	-	Type1	-	-
WV-SW355H	Type1	-	-	-
WV-SW352H	Type1	-	-	-
WV-SW155HM	Type1	-	-	-
WV-SW155H	Type1	-	-	-
WV-SW152H	Type1	-	-	-
WV-SF346H	Type1	-	-	-
WV-SF342H	Type1	-	-	-
WV-SF336H	Type1	-	-	-
WV-SF335H	Type1	-	-	-
WV-SF332H	Type1	-	-	-
WV-SF135H	Type1	-	-	-
WV-SF132H	Type1	-	-	-
WV-NW502SCH	Type1	-	-	-
WV-SFN310H	Type2	Type2	-	-

Note \*1: Make initializing HTML and Configuration settings at maintenance screen after registering i-VMD Extension.

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

## Compatibility list for extension software

- For Chinese market models

### Fixed Network Cameras

Model Numbers	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software
WV-S1550LH	-	Type6(V1.10)	-	-
WV-S1570LH	-	Type6	Type6	-
WV-S1132H	Type4	Type4	-	Type4 (V1.46)
WV-S1432LH	Type4	Type4	-	-
WV-SPN631H	Type2	Type2	-	Type2
WV-SPN611H	Type2	Type2	-	Type2
WV-SPN531H	Type2	Type2 *1	-	Type2
WV-SP509H	-	Type1	-	-
WV-SP508H	-	Type1	-	-
WV-SW316LH	Type1	-	-	-
WV-SW316H	Type1	-	-	-
WV-SPN311H	Type2	Type2 *1	-	Type2
WV-NP502CH	Type1	-	-	-
WV-SP306H	Type1	-	-	Type1
WV-SP305H	Type1	-	-	Type1
WV-SP302H	Type1	-	-	-
WV-SP105H	Type1	-	-	-
WV-SP102H	Type1	-	-	-
WV-SPW533LH	Type2	Type2 *1	-	-
WV-SPW313LH	Type2	Type2 *1	-	-
WV-SPW531LH	Type2	Type2 *1	-	-
WV-SPW311LH	Type2	Type2 *1	-	-
WV-SPN533LH	Type2	Type2 *1	-	Type2
WV-SPN533H	Type2	Type2 *1	-	Type2
WV-SPN313LH	Type2	Type2 *1	-	Type2
WV-SPN313H	Type2	Type2 *1	-	Type2
WV-S1110VH	Type4	Type4	-	Type4 (V1.46)
WV-S1112H	Type4	Type4	-	Type4 (V1.46)
WV-S1130VH	Type4	Type4	-	Type4 (V1.46)
WV-S1432LH	Type4	Type4	-	-
WV-SPN631LH	Type2	Type2 *1	-	-
WV-SPV781LH	-	-	-	-

Note \*1: Make initializing HTML and Configuration settings at maintenance screen after registrating i-VMD Extension.

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for thecamera firmware version.

### 360-degree Network Cameras

Model Numbers	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software
WV-X4170H	-	Type5	-	-
WV-X4571LH	-	Type5	-	-
WV-SFV481H	-	Type3	-	-
WV-SFN480H	-	Type3	-	-
WV-SFN480	-	Type3	-	-
WV-SW458MH	Type1	-	-	-
WV-SW458H	Type1	-	-	-
WV-SF438H	Type1	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for thecamera firmware version.

## Compatibility list for extension software

- For Chinese market models

Pan/Tilt Network Cameras				
Model Numbers	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software
WV-X6533LNH	Type4	-	Type4	-
WV-SW175H	Type1	-	-	-
WV-SW172H	Type1	-	-	-
WV-ST165H	Type1	-	-	-
WV-ST162H	Type1	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.

Home Network Products				
Model Numbers	WV-SAE100	WV-SAE200 WV-SAE200W	i-VMD Extension Software	WV-ASF950, WV-ASF900 Camera extension software
BL-VT164H	Type1	-	-	-
BL-VP104H	Type1	-	-	-
BL-VP101H	Type1	-	-	-

Note: Type1(V2.42 or more),Type2(V2.40 or more),Type4(V1.90 or more)

All version notes are for the camera firmware version.