



by Schneider Electric

Release Notes

Panasonic IP Cameras Supported on Digital Sentry

Integral Digital Sentry® digital video management systems (DVMS) support certain Panasonic® IP camera models. The camera models listed in this document can be used with Digital Sentry IP camera driver version 6.8.0.126 and later. Refer to each camera's table for information about the hardware and software features validated for use on a Digital Sentry system. Any general limitations or special instructions are listed at the beginning of the document, and any model-specific information is listed after each table. For information about the general usage of each camera, refer to the camera manufacturer's documentation.

To obtain the latest IP camera driver or documentation for use with Digital Sentry, refer to the Pelco Web site at www.pelco.com.

General Panasonic IP Camera Notes

- If the frame rate is set to a value larger than the maximum value for a camera, the frame rate defaults to the maximum value.
- Frame rates are rounded up to the next value listed in the tables. For example, if the requested frame rate is 8 frames per second (fps), the camera provides 10 fps.
- Because of a limitation regarding the number of users viewing feeds from the camera, the frame rate requested might not match what the camera can supply at that time. The camera automatically logs off users who are not actively using the feeds, which then increases the total throughput for remaining users.
- Frame rates could be reduced as quality settings are increased.
- All camera-specific Panasonic drivers have been replaced by a single Panasonic i-Pro driver in DSAdmin.
- To capture images larger than 2 MP, you must install Integral IP camera driver 6.7.0.5 or later and then Megapixel Support for DS Server/VAU 4.1. To obtain a copy of all necessary software versions, go to www.pelco.com.
- To view images larger than 2 MP, you must install Megapixel Support for DS Client/Admin 4.1 and DS ControlPoint 6.5.1.28 or later. To obtain a copy of all necessary software versions, go to www.pelco.com.

Panasonic WV-NF302

Firmware	1.05E0_1.06
Supported Resolutions	1280 x 960 (MJPEG only), 640 x 480, 320 x 240
FPS	1–30
Number of Quality Settings	MJPEG: 10 MPEG-4: 9
Supported Codec	MJPEG, MPEG-4
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Not available

Panasonic WV-NP244

Firmware	1.23
Supported Resolutions	640 x 480, 320 x 240
FPS	1–30
Number of Quality Settings	MJPEG: 10 MPEG-4: 3
Supported Codec	MJPEG, MPEG-4
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Not available

Panasonic WV-NP304

Firmware	1.05E0_1.06
Supported Resolutions	1280 x 960 (MJPEG only), 640 x 480, 320 x 240
FPS	1–30
Number of Quality Settings	MJPEG: 10 MPEG-4: 9
Supported Codec	MJPEG, MPEG-4
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Not available

Panasonic WV-NP1004

Firmware	1.21
Supported Resolutions	1280 x 960 at 15 fps 960 x 720 at 24 fps 640 x 480 at 30 fps 320 x 240 at 30 fps
FPS	1–30
Number of Quality Settings	10
Supported Codec	MJPEG
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Not available

NOTE: When changing from partial- to full-scan mode using different resolutions, WV-NP10004 might not display video for up to 4 minutes.

Panasonic WV-NS202 and WV-NS202A

Firmware	2.01 P1
Supported Resolutions	640 x 480, 320 x 240
FPS	1–30
Number of Quality Settings	MJPEG: 10 MPEG-4: 3
Supported Codec	MJPEG, MPEG-4
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	64 presets

NOTES:

- Digital Sentry systems support a maximum of 10 PTZ presets for WV-NS202 and WV-NS202A cameras.
- When changing the WV-NS202 or WV-NS202A configuration, the Digital Sentry VideoServer Service could restart, which will interrupt video recording for several minutes.

Panasonic WV-NS324

Firmware	2.23E
Supported Resolutions	640 x 480, 640 x 240, 320 x 240, 160 x 120
FPS	1–30
Number of Quality Settings	4
Supported Codec	MJPEG
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	16 presets

NOTES:

- Digital Sentry systems support a maximum of 10 PTZ presets for WV-NS324 cameras.
- Before changing the resolution on WV-NS324, close the Digital Sentry client software. The Digital Sentry system will not record video for up to 4 minutes.

Panasonic WV-NS472

Firmware	2.21P
Supported Resolutions	640 x 480, 640 x 240, 320 x 240, 160 x 120
FPS	1–30
Number of Quality Settings	4
Supported Codec	MJPEG
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Not available

NOTE: Before changing the resolution on WV-NS472, close the Digital Sentry client software. Up to 4 minutes of video will be lost.

Panasonic WV-NS474S

Firmware	2.22E
Supported Resolutions	640 x 480, 640 x 240, 320 x 240, 160 x 120
FPS	1–30
Number of Quality Settings	4
Supported Codec	MJPEG
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Yes (presets not available)

NOTE: Before changing the resolution on WV-NS472, close the Digital Sentry client software. Up to 4 minutes of video will be lost.

Panasonic WV-NS484

Firmware	1.01E1
Supported Resolutions	640 x 480, 320 x 240
FPS	1–30
Number of Quality Settings	MJPEG: 10 MPEG-4: 3
Supported Codec	MJPEG, MPEG-4
Supported Motion Detection	Integral
Pan/Tilt/Zoom (PTZ)	Yes (presets not available)

NOTE: When changing the WV-NS484 configuration, the Digital Sentry VideoServer Service could restart, which will interrupt video recording for several minutes.

Panasonic WV-NS954

Firmware	1.06E0
Supported Resolutions	640 x 480, 320 x 240
FPS	1–30
Number of Quality Settings	10 MJPEG; 9 MPEG-4
Supported Codec	MJPEG: 10 MPEG-4: 9
Supported Motion Detection	Integral, In-Camera
Pan/Tilt/Zoom (PTZ)	Yes (presets not available)

NOTE: When using WV-NS954, select the Panasonic i-Pro driver in DSAdmin.

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