



Release Notes – Video Insight 7.1

Minor Release

OVERVIEW

This document contains information regarding our latest development update with IP Server 7.1.0 and VI MonitorPlus 7.1.0. Clients using version 7.0 are recommended to upgrade to 7.1.0.

Check with your system administrator for upgrade details.

VI MonitorPlus: Recommended System Requirements

IP Server Version	VI MonitorPlus requires IP Server 7.0 or higher. VI Monitor users are able to connect to an upgraded server. VI Monitor is compatible with Version 7.0 Server, but Panasonic recommends using VI MonitorPlus.	
	VI Monitor	VI MonitorPlus
IP Server V 6.X or prior	Compatible	Not Compatible
IP Server V 7.X or higher	Compatible <i>(not recommended)</i>	Compatible
Processor/CPU	6th Generation or better Intel Core processor (3.1 GHz quad-core+)	
Memory	8GB+	
Network	1 Gb/s+	
Screen Resolution	1920 X 1080	

VI MonitorPlus Improvements and Features

- Region of Interest (ROI) Motion Searching
 - This feature allows users to search a specific region of interest in a video frame to locate changes and motion in recorded video.
 - For optimal performance, install a compatible NVidia video card with supported GPU. Clients without supported GPU video cards will run in software mode only with limited performance and higher CPU impact.
 - ROI Motion Searching supports H.264, MPEG4 and MJPEG cameras.
 - ROI Motion Searching supports 64-bit clients only.
- Body Worn Camera Support - BETA
 - Integration with Panasonic Body Worn Camera MK3
 - Allows users to offload video/audio collected by the body worn camera to the IP Server for storage and playback
- Arbitrator Cloud Integration
 - Allows user to send video clips to authorized Arbitrator UEMS for case management
- MP4 File Clipping Support
 - Allows users to save exported video clips in MP4 file format
- Page Layout Support
 - Allows users to switch the cameras in a layout based on a specific time rotation cycle time
- Plug-In Support for Integrated Transportation Solution
 - Contact your account manager for additional details regarding feature preview.
- VI Monitor legacy parity features
 - Fish Eye View support for 360 degree cameras
 - Force Record with Clipping on Demand
 - Iris Button
 - Full screen (F11) Support
 - Red Outlined on Live mode support
 - ROI JPEG Snapshot support
 - Camera View Shortcuts
 - Go To Time Feature for recorded timeline
 - Cycle Layouts
 - Video Wall – Send to shortcut feature
 - Digital Zoom Support with mouse scroll wheel on video
 - PTZ Lock
 - Guard Tours
 - Force Digital PTZ checkbox support
 - Drag and drop functionality for Video Wall in VI MonitorPlus
 - Recent History shortcuts
 - Ability to double click camera view to display in maximized mode, and double click to return camera to layout
- Performance improvements and bug fixes

Features not included in this release:

- LPR Integration

Camera Integrations since 7.0.1

Manufacturer	Model	Features Supported
Panasonic (New PTZ Cameras)	S6110 6310 X6510	H265 and H264 Video Capture Dual Streaming Motion Detection Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 3x DI Capture 1x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete Draw Zoom Web Client JPEG AUX Auto-Track Auto-Discovery Panasonic License Edge Storage
Advidia (New Camera) (Wide-Angle H265)	E-37-FSW	H265 and H264 Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG Auto-Discovery Zero-License

Dahua (New Camera) (Auto-Focus H264)	N42AC3Z N42AH3Z N42AM3Z	H264 Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger AUX-Auto Focus Web Client JPEG
Dahua (New Camera) (Auto-Focus H265)	N25BA5 N45BA5 NK8BA4	H265 and H264 Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger AUX-Auto Focus Web Client JPEG
Dahua (New Camera) (Fixed H265)	N24BB33 N24BG52, N24BG53 N24BL52, N24BL53 N24BN52, N24BN53 N44BB33 N44BG52, N44BG53 N44BL52, N44BL53 N44BN52, N44BN53 N84BB14 N84BG44, N84BL44	H265 and H264 Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Codec Set Resolution Set Compression Flip 1x DI Capture 1x DO Trigger Web Client JPEG

Dahua (New Camera) (Zoom H265)	N25BB5Z N25BL5Z N45BB5Z N45BL5Z N68BB7Z N68BL7Z NK8BB7Z NK8BL7Z	H265 and H264 Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Zoom/Focus Aux Auto-Focus Web Client JPEG
Dahua (New Camera) (360 H265)	N68BR4 N68BR4V NK8BR4	H265 and H264 Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate 1x DI Capture 1x DO Trigger Web Client JPEG 360 Degree De-Warp
Avigilon (New PTZ Cameras)	1.0W-H3PTZ-DP20 2.0W-H3PTZ-DP20	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Set Codec Set Resolution Set Compression Set Framerate 1x DI Capture 1x DO Trigger Draw Zoom Pan/Tilt/Zoom/Focus/Iris Preset Set/Add/Delete Web Client JPEG Auto-Discovery

Avigilon (New Fixed Cameras)	1.0-H3M-DC1 2.0-H3M-DC1 1.0-H3M-DO1 2.0-H3M-DO1 1.0-H3M-DP1 2.0-H3M-DP1	H264 and JPEG Video Capture Dual Streaming Motion Detection Set Codec Set Resolution Set Compression Set Framerate Web Client JPEG Auto-Discovery
Avigilon (New Box Cameras)	1.0-H3-B1 1.0-H3-B2 1.0-H3-B3 1.3L-H3-B2 1.3L-H3-B3 2.0-H3-B1 2.0-H3-B2 2.0-H3-B3 3.0W-H3-B2 3.0W-H3-B3 5.0-H3-B2 5.0-H3-B3 1.0W-H3-BO1-IR 1.0W-H3A-BO1-IR 1.0W-H3-BO2-IR 1.0W-H3A-BO2-IR 2.0W-H3-BO1-IR 2.0W-H3A-BO1-IR 2.0W-H3-BO2-IR 2.0W-H3A-BO2-IR 3.0W-H3-BO1-IR 3.0W-H3A-BO1-IR 3.0W-H3-BO2-IR 3.0W-H3A-BO2-IR 5.0-H3-BO1-IR 5.0-H3-BO2-IR	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Set Codec Set Resolution Set Compression Set Framerate 1x DI Capture 1x DO Trigger Zoom/Focus AUX Auto-Focus Web Client JPEG Auto-Discovery

Avigilon (New Dome Cameras)	<p>1.0-H3-D1, 1.0-H3-D1-IR 1.0-H3-D2 1.3L-H3-D1, 1.3L-H3-D2 2.0-H3-D1, 2.0-H3-D1-IR 2.0-H3-D2, 3.0W-H3-D1 3.0W-H3-D1-IR 3.0W-H3-D2 5.0-H3-D1, 5.0-H3-D1-IR 5.0-H3-D2</p> <p>1.0-H3-DC1, 1.0-H3-DC2 1.3L-H3-DC1, 1.3L-H3-DC2 2.0-H3-DC1, 2.0-H3-DC2 3.0W-H3-DC1, 3.0W-H3-DC2, _ 5.0-H3-DC1, 5.0-H3-DC2</p> <p>1.0-H3-DO1, 1.0-H3A-DO1 1.0-H3-DO1-IR, 1.0-H3A-DO1-IR 1.0-H3-DO2, 1.0-H3A-DO2 1.3L-H3-DO1, 1.3L-H3-DO2 2.0-H3-DO1, 2.0-H3A-DO1 2.0-H3-DO1-IR, 2.0-H3A-DO1-IR, 2.0-H3-DO2, 2.0-H3A-DO2 3.0W-H3-DO1, 3.0W-H3A-DO1, 3.0W-H3-DO1-IR, 3.0W-H3A-DO1-IR, 3.0W-H3-DO2, 3.0W-H3A-DO2, 5.0-H3-DO1 5.0-H3-DO1-IR 5.0-H3-DO2,</p> <p>1.0-H3-DP1, 1.0-H3A-DP1 1.0-H3-DP2, 1.0-H3A-DP2 1.3L-H3-DP1, 1.3L-H3-DP2 2.0-H3-DP1, 2.0-H3A-DP1 2.0-H3-DP2, 2.0-H3A-DP2 3.0W-H3-DP1 3.0W-H3A-DP1 3.0W-H3-DP2 3.0W-H3A-DP2 5.0-H3-DP1, 5.0-H3-DP2</p>	<p>H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Set Codec Set Resolution Set Compression Set Framerate 1x DI Capture 1x DO Trigger Zoom/Focus AUX Auto-Focus Web Client JPEG Auto-Discovery</p>
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Hanwha (New Fixed Camera)	PND-9080 PNO-9080 PNV-9080	H265, H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger AUX Auto-Focus Web Client JPEG Auto-Discovery
Sony (New Camera Feature)	SNC-EP520, SNC-EP550 SNC-EP580 SNC-ER520, SNC-ER550 SNC-ER580 SNC-RH24, SNC-RH64 SNC-RH124, SNC-RH164 SNC-RS44, SNC-RS46, SNC-RS84, SNC-RS86	Added Draw Zoom support to 5th Generation Sony PTZ Cameras.
Sony (New Camera Feature)	SNC-WR600, SNC-WR602 SNC-WR630, SNC-WR632	Added Draw Zoom support to 6th Generation Sony PTZ Cameras.

<p>Hanwha (New Camera)</p>	<p>PNM-9080</p>	<p>H265, H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger AUX Auto-Focus Web Client JPEG</p>
<p>Panasonic (New 360 Cameras)</p>	<p>WV-S4150 WV-S4550L WV-S4550LM</p>	<p>H265 and H264 Video Capture Dual Streaming Motion Detection Audio Capture Show Clock Set Codec Set Resolution Set Compression Set Framerate 3x DI Capture 1x DO Trigger Pan/Tilt/Zoom Preset Recall 360 De-Warp Web Client JPEG Auto-Discovery Panasonic License</p>