



## Release Notes – IP Server 6.3.7

### OVERVIEW

This document contains information regarding our latest development update with IP Server 6.3 and VI Monitor Client 6.3.7. Video Insight recommends all users to upgrade to the latest version of public releases on [DownloadVI.com](http://DownloadVI.com).

### VI MONITOR

- **Failover Edge Recording Support** - A new safeguard feature that allows cameras to function as failover devices to help ensure video storage in the event of network or server failure. Only compatible with supported Panasonic cameras.
- **Improved image quality in multiview** - Added resize and filter technology for improved image quality in multiview using DirectX.
- **Border Color Action (Rules Manager)** - New rule action to color the camera header bar.
- **Priority NIC Configuration** - Ability to setup a priority NIC configuration in the case of network card binding.
- **Multi Mac Address Server Activation** - Added the ability to support clients using multi mac addresses to prevent licensing conflicts.
- **Improved Failover Recovery** - Improved server failover recovery by refreshing camera list upon recovery.

### ACCESS CONTROL INTEGRATION

- Bug fixes and improvements

### WEB CLIENT

- Bug fixes and improvements

## CAMERA INTEGRATIONS

Manufacturer	Model	Features
<b>Axis (New Cameras) (Firmware 6, Type 0)</b>	M1045-LW M2025-LE,, M2026-LE M3044-V, M3045-V M3046-V M3104-L, M3104-LVE M3105-L, M3105-LVE M3106-L, M3106-LVE P1244, P1254, P1264 Q6000-E Mk II	H264 Video Capture Dual Streaming Motion Detection VCA Show Clock Set Resolution Set Compression Set Framerate Flip Web Client JPEG Auto Discovery
<b>Axis (New Cameras) (Firmware 6, Type 1)</b>	M1065-LW	H264 Video Capture Two Way Audio Dual Streaming Motion Detection VCA Show Clock Set Resolution Set Compression Set Framerate Flip Web Client JPEG Auto Discovery
<b>Axis (New Cameras) (Firmware 6, Type 3)</b>	P1365 Mk II P1365-E Mk II Q1635-E	H264 Video Capture Two Way Audio Dual Streaming Motion Detection VCA Show Clock Set Resolution Set Compression Set Framerate Flip 2x DI Capture 2x DO Trigger Web Client JPEG Auto Discovery
<b>Axis</b>	P5624-E Mk II	H264 Video Capture

<b>(New Cameras) (Firmware 6, Type 4)</b>	Q3615-VE, Q3617-VE Q6052-E Q6155-E	Dual Streaming Motion Detection VCA Show Clock Set Resolution Set Compression Set Framerate Flip Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete Draw Zoom Web Client JPEG Auto Discovery
<b>Axis (New Cameras) (Firmware 6, Type 7)</b>	P5632-E Mk II Q6055	H264 Video Capture Two Way Audio Dual Streaming Motion Detection VCA Show Clock Set Resolution Set Compression Set Framerate Flip 2x DI Capture 2x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete Draw Zoom Web Client JPEG Auto Discovery
<b>Axis (New Cameras) (Firmware 6, Type 8)</b>	P3224-LV MK II P3224-LVE MK II P3224-V MK II P3224-VE MK II  P3225-LV MK II P3225-LVE MK II P3225-V MK II P3225-VE MK II	H264 Video Capture Dual Streaming Motion Detection VCA Show Clock Set Resolution Set Compression Set Framerate Flip Web Client JPEG AUX Auto-Focus Auto Discovery
<b>Axis (New Cameras) (Firmware 6, Type B)</b>	Q1615 Mk II Q1615-E Mk II Q3505-V Mk II	H264 Video Capture Two Way Audio Dual Streaming Motion Detection VCA Show Clock Set Resolution

		Set Compression Set Framerate Flip 2x DI Capture 2x DO Trigger Web Client JPEG AUX Auto-Focus Auto Discovery
<b>Panasonic (New Features)</b>	Panasonic Unicast RTP Panasonic Multicast RTP	Added H265 Support to the Unicast and Multicast RTP Panasonic compatibility classes.
<b>Panasonic (New Cameras) (Type 7)</b>	WV-S1511LN WV-S1531LN WV-S2111L WV-S2131 WV-S2131L WV-S2211L WV-S2231L WV-S2511LN WV-S2531LN	This camera supports the following features: H265 and H264 Video Capture Audio Capture Dual Streaming Motion Detection Show Clock Set Codec Set Resolution Set Compression Set Framerate Rotate 0/90/180/270 3x DI Capture 1x DO Trigger AUX Auto-Focus Web Client JPEG Auto-Discovery Panasonic License
<b>Panasonic (New Cameras) (Type 5)</b>	WV-S2110 WV-S2130	This camera supports the following features: H265 and H264 Video Capture Audio Capture Dual Streaming Motion Detection Show Clock Set Codec Set Resolution Set Compression Set Framerate Rotate 0/90/180/270 AUX Auto-Focus Web Client JPEG Auto-Discovery Panasonic License
<b>Cisco (Bug Fix)</b>	IPC3520, IPC4300 IPC4500, IPC6020 IPC6030, IPC6400	Fixed an issue that prevented video streaming from certain Cisco cameras.

<b>Vivotek</b>	IB9371, IB9381 IP9172, IP9181 FD9171, FD9181 FD9371, FD9381 FE9181, FE9381	Enabled H265 Video Streaming support for all supported Vivotek 9000 Series cameras.
<b>Avigilon (New Cameras)</b>	9W-H3-3MH-DC1 9W-H3-3MH-DO1 9W-H3-3MH-DP1  12W-H3-4MH-DC1 12W-H3-4MH-DO1 12W-H3-4MH-DP1	H264 and JPEG Video Capture Audio Capture Motion Detection Set Codec Set Resolution Set Compression Set Framerate Web Client JPEG AUX Auto-Focus
<b>Interlogix truVision (New Cameras)</b>	TVB-5301, TVB-5302 TVT-5301, TVT-5302 TVT-5303, TVT-5304 TVT-5305, TVT-5306	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Capture Show Clock Set Resolution Set Compression Set Framerate Flip Web Client JPEG
<b>Interlogix truVision (New Cameras)</b>	TVB-5303, TVB-5304 TVD-5301, TVD-5302 TVD-5303, TVD-5304 TVW-5301, TVW-5302 TVW-5303, TVW-5304 TVW-5305	H264 and JPEG Video Capture Audio Capture Dual Streaming Motion Detection VCA Capture Show Clock Set Resolution Set Compression Set Framerate Flip 1xDI Capture 1xDO Trigger Web Client JPEG
<b>Interlogix truVision (New Cameras)</b>	TVB-5401, TVB-5402 TVC-5401, TVC-5402 TVC-5403	H265, H264 and JPEG Video Capture Audio Capture Dual Streaming Motion Detection VCA Capture Show Clock Set Resolution Set Compression Set Framerate Flip 1xDI Capture 1xDO Trigger

		Web Client JPEG
<b>Interlogix truVision (New Cameras)</b>	TVB-5403, TVB-5404 TVB-5405 TVD-5401, TVD-5402 TVD-5403, TVD-5404 TVD-5405, TVD-5406 TVD-5407, TVD-5408	H265, H264 and JPEG Video Capture Audio Capture Dual Streaming Motion Detection VCA Capture Show Clock Set Resolution Set Compression Set Framerate Flip 1xDI Capture 1xDO Trigger Web Client JPEG AUX Auto-Focus
<b>Dahua (Bug Fixes)</b>	All Dahua Cameras	Fixed an issue preventing the ONVIF camera classes from working with Dahua cameras.
<b>Panasonic (New Features)</b>	WV-V1330L1 WV-V1330LK WV-V2530L1 WV-V2530LK	Added support for H265 Video Capture to the Panasonic V-Series Cameras.
<b>IPv6 (Bug Fix)</b>	All cameras	Some users with un-updated versions of Windows 7 and Server 2008, found that they could no longer stream video after they upgraded to 6.3.6.  It turns out that the issue was related to IPv6 support introduced in 6.3.6.  I have checked in a bugfix that resolves this issue, while preserving the IPv6 feature.
<b>Huawei (New Cameras)</b>	IPC6125 IPC6224 IPC6225 IPC6324 IPC6325	H265, H264, and JPEG Capture Dual Streaming Audio Capture Motion Detection VCA 1x DI Capture  Note: Addresses Web Client JPEG _NOT_ Supported issue
<b>FLIR (bug fix)</b>	PTZ 35x140 MS VIS PTZ 35x140 MS IRN PTZ 35x140 MS IRW	Fixed a bug that prevented certain FLIR cameras from streaming video.  Before this fix, the last working version was 6.2.18.
<b>Advidia (New Feature)</b>	A-47	Enabled Two-Way Audio support for the Advidia A-47.
<b>Advidia (New Feature)</b>	A-35	Added Auto-Discovery support for A-35 cameras with MAC Address from LOT 2.

<b>Bolin (New Camera)</b>	SD520BHD SD530BHD SD520SHD SD530SHD	H264, and JPEG Video Capture Audio Capture Dual Streaming Motion Detection VCA Set Codec Set Compression Set Framerate Flip 2x DI Capture 1x DO Trigger Pan/Tilt/Zoom/Focus Preset Set/Recall/Delete Web Client JPEG
<b>Bolin (New Camera)</b>	SD522B4K SD530B3M	H265, H264, and JPEG Video Capture Audio Capture Dual Streaming Motion Detection VCA Set Codec Set Compression Set Framerate Flip 2x DI Capture 1x DO Trigger Pan/Tilt/Zoom/Focus Preset Set/Recall/Delete Web Client JPEG AUX Wiper
<b>Hikvision (New Feature)</b>	DS-2CD2942	Updated the 360 Dewarp DLL to better support this camera.
<b>Panasonic (New Feature)</b>	WV-SF448 WV-SF448E	Added "Privacy Mode" support. This mode engages the Lens Shutter. It can be triggered by pressing the AUX Button "L" for Lens Shutter.  Note: The "L" AUX Button is usually used for "Laser".
<b>ELP (New Cameras)</b>	ELP-IP1882 ELP-IP1892	H264 Video Capture Dual Streaming Motion Detection Web Client JPEG
<b>Panasonic (New Features)</b>	BB-HCM701A BB-HCM705A BB-HCM715A BB-HCM735A	Added support for Audio Capture while streaming H264 or JPEG Video. Audio Capture was already supported while streaming MPEG4 Video.
<b>Axis (Bug Fix)</b>	P7210 P7214 P7216 P7224	Fixed an issue that could cause the Camera Side Motion Detection to become unstable on some Axis Multi-Channel Encoders. Now the Camera Side Motion Detection should work consistently on these encoders.

<b>Panasonic (New Features)</b>	WV-SFN480 WV-SFV481	Enabled Edge Storage Support for the Panasonic 4K 360 Cameras.
<b>Arecont (Bug Fix)</b>	Arecont JPEG ClientPull Arecont MJPEG ServerPush Arecont H264 RTSP/RTP	Fixed an issue that caused Camera Side Motion Detection to fail on the generic Arecont camera classes. In the event of a network failure, a server crash could also result. Now Camera Side Motion Detection works with the generic Arecont camera classes, and the server does not crash during a network failure due to the previous bug.
<b>Cicso (Bug Fix)</b>	IPC3520 IPC4300, IPC4500 IPC6020, IPC6030 IPC6400	Patched the existing 6.3.7 bug fix for Cisco cameras into 6.3.7 (14). This should allow 6.3.6 users to stream from Cisco Cameras.
<b>Cohu (New Cameras)</b>	RISE 4220HD RISE 4260HD RISE 4290HD	H264 and JPEG Video Capture Dual Streaming 4x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete AUX Wiper Web Client JPEG AUX Auto Discovery
<b>Panasonic (New Camera)</b>	WV-V1170	H265, H264 and JPEG Video Audio Capture Dual Streaming Motion Detection Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture WebClient JPEG AUX Auto-Focus
<b>ELP (New Cameras)</b>	ELP-IP1882 ELP-IP1892	H264 Video Capture Dual Streaming Motion Detection Web Client JPEG
<b>Panasonic (New Feature)</b>	WV-SUD638	Added the following Abilities as Presets: Wiper ON Wiper OFF Wash Cycle



<b>D-Link (New Camera)</b>	DCS-4622	H264 and JPEG Video Capture Audio Capture Motion Detection Show Clock Set Codec Set Resolution Set Compression Set Framerate WebClient JPEG De-Warp 360
<b>Verint (New Cameras)</b>	Nextiva S2700e Nextiva S2750e	MPEG4 Video Capture Set Resolution Set Compression Web Client JPEG