



## Release Notes – IP Server 6.3.5

### OVERVIEW

This document contains information regarding our latest development update with IP Server 6.3 and VI Monitor Client 6.3.5. Video Insight recommends all users to upgrade to the latest version of public releases on [DownloadVI.com](http://DownloadVI.com).

### VI MONITOR

- Live Video Smoothing - When selected, this new performance setting will improve video quality and speed during live video.
- Intelligent Joystick Integration - ability to control cameras and views within Video Wall and VI Monitor with Video Insight Joystick
- Active Directory Send feature includes full name
- Clip on Demand Support - This new feature allows users to create a clip automatically after using the Force Record option
- Ability to clip with audio (6.3.4+)
- Legacy left tree navigation option (6.3.4+)
- Bug fixes and performance improvements (6.3.4+)

### INTERNATIONAL LANGUAGE SUPPORT ( VI Monitor )

International language support installer files are available on [DownloadVI.com](http://DownloadVI.com). All users are required to change the Region and Language format to coordinating language to support language pack.

Support includes the following languages:

- Chinese (Simplified and Traditional)
- Korean
- Spanish
- Portuguese
- Danish
- Thai
- Turkish
- Arabic
- French
- Russian

## **VIDEO WALL**

- Auto startup option
- 4K Image Support
- Bug fixes

## **ACCESS CONTROL INTEGRATION**

- Open Options - Monitor Points Import Support
- Gallagher - Added PTZ functionality (Requires SDK)

## **WEB CLIENT**

- Ability to enable/disable access control integration in Web Client
- Access Control - Added door state/status to facility map
- Added ability to create door controls to non administrator users

## CAMERA INTEGRATION

Manufacturer	Model	Features
<b>Panasonic (New Feature)</b>	All Panasonic branded cameras.	Enabled Camera Side Motion Detection by default on all Panasonic branded cameras.
<b>Cisco (New Cameras)</b>	CIVS IPC 5010 CIVS IPC 5011	H264 and JPEG Video Capture Audio Capture Motion Detection VCA Camera Logging Set Resolution Set Compression Set Framerate 1x DI Capture 1x DO Trigger Web Client JPEG
<b>Cisco (New Cameras)</b>	CIVS IPC 6020 CIVS IPC 6030 CIVS IPC 6400	H264 and JPEG Video Capture Audio Capture Camera Logging
<b>D-Link (New Camera)</b>	DCS-4802	H264 and JPEG Video Capture Motion Detection Camera Logging Show Clock Set Codec Set Compression Set Framerate Flip Web Client JPEG
<b>Panasonic (New Camera Features)</b>	WV-SC385	Added the following features to the Panasonic WV-SC385 Camera: HTTPS Streaming Dual Streaming Named Presets Draw Zoom
<b>D-Link (New Camera)</b>	DCS-7517	H264 and JPEG Video Capture Audio Capture Motion Detection Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG

<b>Veilux (New Cameras)</b>	VBIP-2V-IA VBIP-2V-IZ-A VBIP-6V-I-A  VSIP-2-I-A VSIP-2-IL-A VSIP-4-I-A  VVIP-2V-I-A VVIP-2V-IZ-A VVIP-4V VVIP-4V-I-A	H264 Video Capture Audio Capture Motion Detection VCA 1x DI Capture Web Client JPEG
<b>Veilux (New Cameras)</b>	VBIP-2V-I-M-A VBIP-4A VBIP-4V VBIP-4V-I-A VVIP-4A	H264 Video Capture Audio Capture Motion Detection VCA Web Client JPEG
<b>D-Link (New Camera)</b>	DCS-6212	H264 and JPEG Video Capture Audio Capture Motion Detection Set Codec Set Resolution Set Compression Set Framerate Flip Web Client JPEG
<b>D-Link (New Camera)</b>	DCS-6517	H264 and JPEG Video Capture Audio Capture Motion Detection Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG

<b>Panasonic (New Features)</b>	WV-SFN480 WV-SFV481 WV-SPV781L WV-SFV781L	The server would drop I-Frames from Panasonic 4K Cameras when UDP streaming was used.  Therefore we have disabled UDP Streaming, in the default capture mode of H264.  Now the user must select H264_UDP, to enable UDP streaming.  This may prevent the Large GOP Issue.
<b>Panasonic (New Features)</b>	WV-SFN480 WV-SFV481	Enabled the following features for the Panasonic 4K 360 cameras: Set Resolution Set Compression
<b>Arecont (New Cameras)</b>	AV12275 AV12276	H264 Video Capture Motion Detection Set Resolution Set Compression Set Framerate Flip Web Client JPEG AUX Auto Focus
<b>Veilux (New Camera)</b>	VVIP-5V	H264 and JPEG Video Capture Audio Capture Motion Detection Show Clock Set Resolution Set Compression Set Framerate 1x DI Capture Web Client JPEG
<b>Arecont (New TFTP Cameras)</b>	AV3135 AV10115	H264 and JPEG Video Capture Motion Detection Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG
<b>Arecont (New RTSP Cameras)</b>	AV1225 AV1245 AV3236	H264 Video Capture Two Way Audio Motion Detection Set Resolution Set Compression Set Framerate Flip 1x DI Capture

		1x DO Trigger Web Client JPEG AUX Auto-Focus
<b>Arecont  (New 5th Gen QUAD  Cameras)</b>	AV5585 AV12585 AV12586 AV20565 AV20585	H264 Video Capture Motion Detection Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG AUX Auto Focus
<b>Arecont  (New 5th Gen Single  Cameras)</b>	AV1195, AV2195, AV2196, AV3195, AV3196, AV5195, AV1555, AV2555, AV2556, AV3555, AV3556, AV5555 AV1215, AV2215, AV2216, AV3215, AV3216, AV5215, AV10215	H264 Video Capture Two Way Audio Motion Detection Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG AUX Auto-Focus
<b>Arecont  (New 4K Camera)</b>	AV08ZMD-400	H264 Video Capture Motion Detection Set Resolution Set Compression Set Framerate Flip Web Client JPEG AUX Auto-Focus
<b>VCS  Verint  VideolQ  VisionHitech  Vivotek  XTS  Yoko  (6.3.4 Addition)</b>	All supported models and OEMS by the listed brands.	The following features have been Added, Enabled, or Verified for these cameras: Camera Authentication Status Camera Logging

<b>Vivotek (New Cameras) (6.3.4 Addition)</b>	IB9371, IB9381 IP9172, IP9181 FD9171, FD9181 FD9371 , FD9381 FE9181, FE9381	H264 and JPEG Video Capture Dual Streaming Audio Capture Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Set Framerate Flip 1x DI Capture 1x DO Trigger Web Client JPEG Auto-Discovery Aux Auto-Focus 360 De-warp  Note: These cameras also support H265, But we have not yet enabled support for that feature.
<b>Video Insight (6.3.4 Addition)</b>	All RTSP Cameras All ONVIF Cameras All MJPEG Cameras All PACKET Cameras All QUICK Cameras	Added Camera Status Authentication Updates, to the five base classes that cover most of the supported cameras. Now almost all camera models will report an Authentication Failure, when the camera Username or Password is incorrect.
<b>Bosch (New Feature) (6.3.4 Addition)</b>	All Bosch Cameras that support H.264, but do not support MPEG4.	Added VCA Support to recent Bosch cameras. Not all cameras will support all VCA features.
<b>Axis (New Camera) (6.3.4 Addition)</b>	P3707-PE	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS

		<ul style="list-style-type: none"> <li>Flip</li> <li>Web Client JPEG</li> <li>Auto-Discovery</li> </ul>
<b>Panasonic</b> <b>(New Cameras)</b> <b>(6.3.4 Addition)</b>	<ul style="list-style-type: none"> <li>K-EF234L01E</li> <li>K-EF234L03E</li> <li>K-EW214L01E</li> <li>K-EW214L03E</li> </ul>	<ul style="list-style-type: none"> <li>H264 and JPEG Video Capture</li> <li>Dual Streaming</li> <li>Motion Detection</li> <li>Camera Logging</li> <li>Show Clock</li> <li>Set Codec</li> <li>Set Resolution</li> <li>Set Compression</li> <li>Set Framerate</li> <li>Flip</li> <li>Web Client JPEG</li> <li>AUX Auto-Focus</li> </ul>
<b>Panasonic</b> <b>(New Cameras)</b> <b>(6.3.4 Addition)</b>	<ul style="list-style-type: none"> <li>K-EF134L02AE</li> <li>K-EF134L03AE</li> <li>K-EF134L06AE</li> <li>K-EW114L03AE</li> <li>K-EW114L06AE</li> </ul>	<ul style="list-style-type: none"> <li>H264 and JPEG Video Capture</li> <li>Dual Streaming</li> <li>Motion Detection</li> <li>Camera Logging</li> <li>Show Clock</li> <li>Set Codec</li> <li>Set Resolution</li> <li>Set Compression</li> <li>Set Framerate</li> <li>Flip</li> <li>Web Client JPEG</li> </ul>
<b>UDP</b> <b>Universal</b> <b>(6.3.4 Addition)</b>	<p>All supported models and OEMS by the listed brands.</p>	<p>The following features have been Added, Enabled, or Verified for these cameras:</p> <ul style="list-style-type: none"> <li>Camera Authentication Status</li> <li>Camera Logging</li> </ul>
<b>Vivotek</b> <b>(New Cameras)</b> <b>(6.3.4 Addition)</b>	<ul style="list-style-type: none"> <li>TB5396</li> </ul>	<ul style="list-style-type: none"> <li>H264, MPEG4, and JPEG Video Capture</li> <li>Audio Capture</li> <li>Motion Detection</li> <li>Camera Logging</li> <li>Show Clock</li> <li>Set Resolution</li> <li>Set Compression</li> <li>Set FPS</li> <li>Flip</li> <li>1x DI Capture</li> <li>1x DO Trigger</li> <li>Web Client JPEG</li> </ul>



<b>ACTi (New Features) (6.3.4 Addition)</b>	ACTi D72A	Enabled Audio for the ACTi D72, and some related cameras.
<b>Panasonic (Bug Fixes) (6.3.4 Addition)</b>	Panasonic MPEG4 Cameras	I fixed a bug that was only present in unreleased versions of 6.3.4. The bug would cause Panasonic cameras from the MPEG4 generation to hang.
<b>EverFocus (New Value Cameras) (6.3.4 Addition)</b>	EBN268, EDN228 EQN100, EZN268	H264, MPEG4, and JPEG Video Capture Motion Detection Camera Logging Set Compression Set Framerate Flip, Mirror, Rotate 180 Web Client JPEG Auto-Discovery
<b>EverFocus (New Fixed Cameras) (6.3.4 Addition)</b>	EAN3120, EAN3220 EAN3300, EAN7221 EDN1220, EDN1320 EDN2160, EDN2260 EDN2560, EDN3160 EDN3260, EDN3340 EHN3160, EHN3260 EHN3261, EHN3340 EHN7721 EZN1160, EZN1260 EZN1360, EZN3160 EZN3260, EZN3261 EZN3340, EZN7221	H264, MPEG4, and JPEG Video Capture Audio Capture Motion Detection Camera Logging Set Compression Set Framerate Flip, Mirror, Rotate 180 1x DI Capture 1x DO Trigger Web Client JPEG Auto-Discovery

<b>EverFocus (New 360 Cameras) (6.3.4 Addition)</b>	EFN3320, EFN3321	H264, MPEG4, and JPEG Video Capture Audio Capture Motion Detection Camera Logging Set Compression Set Framerate Flip, Mirror, Rotate 180 1x DI Capture 1x DO Trigger 360 De-warp Web Client JPEG Auto-Discovery
<b>Panasonic (New PTZ Feature) (6.3.4 Addition)</b>	All Panasonic Speed Dome PTZ cameras that support H264.	Added HTTP Pre-Authentication to PTZ commands for modern Panasonic cameras. This should improve PTZ performance by reducing the number of high-latency HTTP commands.
<b>Panasonic (New PTZ Camera) (6.3.4 Addition)</b>	WV-SUD638	H264 and MJPEG Video Capture Audio Capture Motion Detection Dual Streaming HTTPS Streaming Camera Logging Show Clock Set Resolution Set Compression Set Framerate Flip 3x DI Capture 1x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete AUX Wiper Control Web Client JPEG Auto Discovery Panasonic License
<b>Alibi (New Fixed Cameras) (6.3.4 Addition)</b>	ALI-NP1013 ALI-NP1016 ALI-NP3013 ALI-NP3016  ALI-NS1012 ALI-NS1014 ALI-NS1022 ALI-NS1024	H264 Video Capture Audio Capture Dual Streaming Motion Detection Camera Log Show Clock Set Resolution Set Compression Set Framerate

	ALI-NS1032 ALI-NS1034 ALI-NS1044 ALI-NS3012 ALI-NS3014 ALI-NS3022 ALI-NS3034	Flip 1x DI Capture 1x DO Trigger AUX Auto-Focus Web Client JPEG
<b>Alibi          (New PTZ Cameras)          (6.3.4 Addition)</b>	ALI-NP7012 ALI-NS7012	H264 Video Capture Audio Capture Dual Streaming Motion Detection Camera Log Show Clock Set Resolution Set Compression Set Framerate Flip 7x DI Capture 2x DO Trigger Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete Draw Zoom Web Client JPEG