



## Release Notes – Video Insight 7.9.6 Maintenance Release

### OVERVIEW

This document contains information regarding our latest development update with Video Insight 7.9.6. Review the improvements below and check with your system administrator for upgrade details.

**NOTE) PRIOR TO UPDATING** users who bought i-PRO BWC cameras for the use with VI before AUG 2023, please contact your SE team or Support representative, and have your VI Server Serial Number ready, BWC site Activation License will be provided.

### VI MonitorPlus: Recommended System Requirements

<b>IP Server Version</b>	VI MonitorPlus requires IP Server 7.0 or higher. VI Monitor users can connect to an upgraded server. VI Monitor is compatible with Version 7.0 Server, but i-PRO recommends using VI MonitorPlus.
<b>Operating System(s)</b>	Windows 10 Professional, Windows 11 Professional
<b>Processor/CPU</b>	6th Generation or better Intel Core processor (3.1 GHz quad-core+)
<b>Memory</b>	16GB (8GB minimum)
<b>Network</b>	1 Gb/s+
<b>Screen Resolution</b>	1920 X 1080



### **VI MonitorPlus & IP Server**

- New user-friendly timeline with millisecond level support
- 5 View support for i-PRO Multi-directional + PTZ camera and WV-VCF41P Panoramic front camera
- Enhanced video display quality
- Windows Background Intelligent Transfer Service (BITS) support for file manipulation rules for optimizing the file transfer performance
- Introducing new BWC integration license
- Ability to display associated speaker information

### **Device integration**

- New i-PRO S Series (Secure Element Models) and U Series (Audio support) integration
- WV-VCF41P Panoramic front camera integration (available only for US)
- TLS 1.2 / 1.3 and new pre-installed certificate support for i-PRO cameras
- Support receiving customizable event type via ONVIF metadata streaming
- New 3rd vendors device integration (Advantech, Axis, Hanwha)

### **VI IP Server Manager**

- Renewal GUI with modern design
- Improve offline activation by using QR code
- Display activated license detail

### **VI Web Client 7**

- Improve H.265 decoding performance by utilizing browser native decoder
- Beta release Audio function of Live and Playback (Disable by default)
- 5 View support
- Vulnerability addressed for old Web Client

### **VI Video WallPlus**

- 5 View support

### **Transit solution**

- Ignition ON / OFF Rule triggering
- Improve bus management features (Rename / remove bus)
- File transfer performance & reliability improvements

## New Camera Integrations

Manufacturer	Model	Firmware Version	Features Supported																							Notes		
			MJPEG	H.264	H.265	Dual Streaming	Audio in	Audio out	Motion Detection	Show Clock	Set Codec	Set Resolution	Set Compression	Set Framerate	Flip	Focus	Web Client JPEG	Auto-Discovery	Alarm IN	Alarm OUT	VCA	Draw Object	PTZ	PTZ Preset	Draw & Zoom		Dewarp	Bundle License
i-PRO	WV-VCF41P (US Only)	1.0	-	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	-	-	Y	Y	-	-	-	-	-	-	-	Y	-	
i-PRO	WV-U11300-V2, WV-U21300-V2L	2.34	-	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	Y	-	-	-	-	-	Y	Y	Supported VCA • Scene Change
i-PRO	WV-S4156A, WV-S4176A, WV-S4556LA, WV-S4556LMA, WV-S4576LA, WV-S4576LMA	2.32	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Supported VCA • Intrusion • Loitering • Direction • Crossline • Scene Change • Object left • Audio classification

Manufacturer	Model	Firmware Version	Features Supported																						Notes				
			MJPEG	H.264	H.265	Dual Streaming	Audio in	Audio out	Motion Detection	Show Clock	Set Codec	Set Resolution	Set Compression	Set Framerate	Flip	Focus	Web Client JPEG	Auto-Discovery	Alarm IN	Alarm OUT	VCA	Draw Object	PTZ	PTZ Preset		Draw & Zoom	Dewarp	Bundle License	Edge Recording
i-PRO	WV-S1136A WV-S1536LA WV-S2236LGA WV-S1536LNA WV-S2536LA WV-S2536LGA WV-S1536LNSA WV-S2536LGNA WV-S1536LTA WV-S2536LNA WV-S1536LTNA WV-S2536LTA WV-S2136A WV-S2536LTNA WV-S2136GA WV-S2136LA WV-S2136LGA WV-S2236LA	2.32	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	Y	Y	Supported VCA • Intrusion • Loitering • Direction • Crossline • Scene Change • Object left • Audio classification	
	Hanwha	PNM-9031RV	2.11.03	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	-	-	-	-	-	-		Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection

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Hanwha	ANV-L7012R, ANO-L7012R, ANO-L7022R	1.41.00	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	-	-	Y	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Enter/Exit • Tampering • Virtual line
Hanwha	PNM-12082RVD PNM-7082RVD	2.21.00	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	-	-	Y	-	-	-	-	-	-	Supported VCA • Defocus • Loitering • Enter/Exit • Tampering • Crossing
Hanwha	PNM-9022V	2.01.01	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection

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Hanwha	PNM-C12083RVD (Multi sensor)	2.21.00	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	Y	-	-	-	-	-	-	-	Supported VCA <ul style="list-style-type: none"><li>Defocus</li><li>Loitering</li><li>Enter/Exit</li><li>Tampering</li><li>Crossing</li></ul>
Hanwha	PNM-C7083RVD	2.21.00	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	Y	-	-	-	-	-	-	-	Supported VCA <ul style="list-style-type: none"><li>Defocus</li><li>Loitering</li><li>Enter/Exit</li><li>Tampering</li><li>Crossing</li></ul>
Hanwha	SPE-420 (Encoder)	2.11.03	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA <ul style="list-style-type: none"><li>Tampering</li></ul>

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Hanwha	TNV-7010RC TNV-7011RC	1.40.03	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA • Defocus • Loitering • Enter/Exit • Tampering • Crossing
Hanwha	TNV-8011C	2.01.01	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection
Hanwha	XND-C9083RV XNV-C8083R XND-C8083RV XNO-C8083R XNV-C9083R XNO-C9083R	2.11.01	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection

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Hanwha	XNO-6123R, XNV-6123R	2.11.01	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection
Hanwha	XNZ-6320A	XNZ-L6320A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection
Hanwha	XNZ-L6320A	XNZ-L6320A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection



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Hanwha	PNM-9084QZ1	1.31.02																										Supported VCA • Defocus detection • Motion detection • Appear/Disappear • Enter/Exit • Tampering • Virtual line • Audio detection
	PNM-9084RQZ1		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	
	PNM-9085RQZ1																											

## New Device Integration

Manufacturer	Model	Firmware Version	Features Supported
<b>AXIS</b>	A8207-VE Mk II Network Video Door Station	11.1.72	MJPEG (RTP over RTSP, RTP with RTSP(UDP), over HTTP) H.264 (RTP over RTSP, RTP with RTSP(UDP), over HTTP) Dual Streaming Audio in Audio out (Two way audio) Motion Detection Show Clock Set Codec Set Resolution Set Compression Set Framerate Web Client JPEG Auto-Discovery Alarm IN (Including push button alarm) Alarm OUT VCA Door open icon support
<b>Advantech</b>	ADAM 6052	6.11 B26	Auto-Discovery Alarm IN Alarm OUT