



## Release Notes – Video Insight IP Server 7.8

### Minor Release

#### OVERVIEW

This document contains information regarding our latest development update with IP Server 7.8 and VI MonitorPlus 7.8. Review the improvements below and check with your system administrator for upgrade details.

#### 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 Panasonic recommends using VI MonitorPlus.<br><table border="1" data-bbox="386 814 1328 1077"><thead><tr><th data-bbox="386 814 621 877"></th><th data-bbox="621 814 1013 877">VI Monitor</th><th data-bbox="1013 814 1328 877">VI MonitorPlus</th></tr></thead><tbody><tr><td data-bbox="386 877 621 976">IP Server V 6.X or prior</td><td data-bbox="621 877 1013 976">Compatible</td><td data-bbox="1013 877 1328 976">Not Compatible</td></tr><tr><td data-bbox="386 976 621 1077">IP Server V 7.X or higher</td><td data-bbox="621 976 1013 1077">Compatible<br/><i>(not recommended)</i></td><td data-bbox="1013 976 1328 1077">Compatible</td></tr></tbody></table> |                | VI Monitor | VI MonitorPlus | IP Server V 6.X or prior | Compatible | Not Compatible | IP Server V 7.X or higher | Compatible<br><i>(not recommended)</i> | Compatible |
|---------------------------|---|----------------|------------|----------------|--------------------------|------------|----------------|---------------------------|--|------------|
|                           | VI Monitor  | VI MonitorPlus |            |                |                          |            |                |                           |  |            |
| IP Server V 6.X or prior  | Compatible  | Not Compatible |            |                |                          |            |                |                           |  |            |
| IP Server V 7.X or higher | Compatible<br><i>(not recommended)</i>  | Compatible     |            |                |                          |            |                |                           |  |            |
| <b>Processor/CPU</b>      | 6th Generation or better Intel Core processor (3.1 GHz quad-core+)  |                |            |                |                          |            |                |                           |  |            |
| <b>Memory</b>             | 8GB+  |                |            |                |                          |            |                |                           |  |            |
| <b>Network</b>            | 1 Gb/s+   |                |            |                |                          |            |                |                           |  |            |
| <b>Screen Resolution</b>  | 1920 X 1080   |                |            |                |                          |            |                |                           |  |            |

## Product Improvements

- New user/group administration and setup
- IP Server software update utility
- LPR plug-in improvements for multi sensor support (vehicle capture camera support)
- Additional video support for Nvidia graphic cards including P Series and RTX4000 model
- Dynamic object overlay improvements for AI-VMD supported cameras

## Third Party Integrations

- [Zero Eyes](#) Visual Weapons Detection

## Camera Improvements

- Improved two-way audio support on VI MonitorPlus
- Enhanced rule trigger for AI-VMD
- Support for new body worn cameras (BWC4000)
- New cameras integration including new models from Panasonic i-PRO, Advidia, Hanwha, Cisco, Vivotek, iryx, Truvision, FLIR, Mobotix and Axis
- Integration with Panasonic WC-X5550LT vehicle capture camera

## VI Transportation Improvements

- Integrated recorder digital input for auto creation of bookmark and notification message support to depot
- Auto transfer support for bookmarked video
- Notify the input trigger to live monitoring of Transit plug-in
- Export dashboard data including i-PRO camera's serial number
- User interface improvements

## Security Updates

- Addressed security vulnerabilities  
Credit : Joachim Kerschbaumer (@joachimk) reported CVE-2019-5996, CVE-2019-5997, CVE-2021-20623 vulnerabilities.

## 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   | Edge Recording  |
| Panasonic i-PRO           | WV-S1572L,<br>WV-S1552L,<br>WV-S2272L,<br>WV-S2252L,<br>WV-S2572L,<br>WV-S2552L | 1.00                       | -                  | Y     | Y     | Y              | Y        | Y         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | Y   | -           | -     | -   | -          | Y           | Y      | Support AI-VMD<br>- Intruder<br>- Loitering<br>- Direction<br>- Cross line<br>- Scene Change |   |
| Panasonic i-PRO           | WV-X5550LT  | 1.00                       | -                  | Y     | Y     | Y              | -        | -         | -                | -          | Y         | Y              | Y               | -             | -    | Y     | Y               | Y              | -        | -         | -   | -           | -     | -   | -          | -           | Y      | Y  |   |
| Panasonic i-PRO           | BWC4000   | 0700M78                    | -                  | Y     | Y     | -              | Y        | -         | -                | -          | -         | -              | -               | -             | -    | -     | -               | -              | -        | -         | -   | -           | -     | -   | -          | -           | Y      | -  |   |
| Panasonic i-PRO (Advitia) | M-46-FW,<br>M-46-F  | IPC_G6107-B0001P87D1806C62 | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | -     | Y               | Y              | Y        | Y         | Y   | -           | -     | -   | -          | -           | Y      | -  | Supported VCA:<br>- Tamper<br>- Audio<br>- Intrusion<br>- Human Shape |
| Panasonic i-PRO (Advitia) | M-44-V-T  | IPC_G6107-B0001P87D1806C62 | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | -     | Y               | Y              | -        | -         | Y   | -           | -     | -   | -          | -           | Y      | -  | Supported VCA:<br>- Tamper<br>- Audio<br>- Intrusion<br>- Human Shape |

| 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  |
| Panasonic i-PRO (Advidia) | M-45-FW                    | IPC_G6107-B0001P87D1806C62 | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | -     | Y               | Y              | Y        | Y         | Y   | -           | -     | -   | -          | -           | Y      | -              | Supported VCA:<br>- Tamper<br>- Audio<br>- Intrusion<br>- Human Shape |
| Panasonic i-PRO (Advidia) | B-57-V-2                   | A1D-900-A8.00.08-NB        | Y                  | Y     | Y     | Y              | Y        | Y         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | -   | -           | -     | -   | -          | -           | Y      | -              |   |
| Panasonic                 | KX-NTV160 Intercom         | 0101a                      | Y                  | Y     | -     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | -    | -     | Y               | Y              | Y        | Y         | -   | -           | -     | -   | -          | -           | -      | -              |   |
| MOBOTIX                   | M73 (7 platform)           | V7.0.6.18                  | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | -    | -     | Y               | Y              | -        | -         | -   | -           | -     | -   | -          | -           | -      | -              |   |
| Cisco                     | CVIS-IPC-8030              | 1.0.7-3                    | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | -   | -           | -     | -   | -          | -           | -      | -              |   |
| Cisco                     | CVIS-IPC-8930 (PTZ camera) | 1.0.7-3                    | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | -   | -           | Y     | Y   | -          | -           | -      | -              |   |
| Cisco                     | CVIS-IPC-8400 (Box)        | 1.0.7-3                    | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | -   | -           | -     | -   | -          | -           | -      | -              |   |
| Hanwha                    | PNM-9320VQP                | 1.32.00                    | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | Y   | -           | Y     | Y   | Y          | -           | -      | -              |   |



| 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   |  |
| Hanwha       | XNV-6120N | 1.40.02          | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | -              | -        | Y         | -   | -           | -     | -   | -          | -           | -      | -              | -  | Supported VCA:<br>- Fog<br>- Audio Scream<br>- Audio Gunshot<br>- Audio Explosion<br>- Audio Glass break |
| Axis         | M3068-P   | 9.55.1.2         | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | -              | -        | Y         | -   | -           | -     | -   | Y          | -           | -      | -              | Supported VCA:<br>- Video tampering                                    |  |
| Axis         | Q6125-LE  | 9.80.2.2         | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | -              | -        | Y         | -   | Y           | Y     | Y   | -          | -           | -      | -              | Supported VCA:<br>- Fence Guard<br>- Motion Guard<br>- Loitering Guard |  |

| 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 |   |
| VIVOTEK      | IB9388-HT (IR Bullet)                  | 0222g             | Y                  | Y     | Y     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | -              | -        | Y     | -         | -   | -           | -   | -          | -           | -      | -              | -              | Supported VCA:<br>- Tampering<br>- Too Bright<br>- Too Dark<br>- Too Blur   |
| VIVOTEK      | MD9581-H (Mobile Fixed Dome)           | 0121d             | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y     | -         | -   | -           | -   | -          | -           | -      | -              | -              | Supported VCA:<br>- Crowd<br>- Intrusion<br>- Loitering<br>- Cross line<br>- Face<br>- Running  |
| VIVOTEK      | MA9322-EHTV (Multi-channel adjustable) | 0122e             | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | -     | -         | -   | -           | -   | -          | -           | -      | -              | -              |   |
| VIVOTEK      | FE9382-EHV-v2 (IR Fisheye)             | 1.2001.3<br>4.01h | Y                  | Y     | -     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | -     | -         | -   | -           | -   | -          | -           | -      | -              | -              | Supported VCA:<br>- Tampering<br>- Video Dark<br>- Video Bright<br>- Video Blurry<br>- Crowd<br>- Missing Object<br>- Cross line<br>- Intrusion<br>Unattended<br>- Object<br>- Loitering<br>- Running |

| 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  |  |
| iryx         | IX-VT22A-M04 | E1.0-090820      | Y                  | Y     | -     | Y              | -        | -         | Y                | Y          | Y         | Y              | Y               | Y             | -    | -     | Y               | Y              | -        | -         | Y   | -     | -           | -   | -          | -           | -      | -              | -   | Supported VCA:<br>- Detect temperature |
| Truvision    | TVW-5605     | V9.1 FP6         | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | -     | Y               | Y              | Y        | Y         | Y   | -     | -           | -   | -          | -           | -      | -              | Supported VCA:<br>- Tampering<br>- Intrusion<br>- Cross line                        |  |
| Truvision    | TVT-5608     | V9.1 FP6         | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | Y     | Y               | Y              | Y        | Y         | Y   | -     | -           | -   | -          | -           | -      | -              | Supported VCA:<br>- Tampering<br>- Intrusion<br>- Cross line<br>- Face              |  |
| Truvision    | TVD-5602     | V9.1 FP6         | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | -     | Y               | Y              | Y        | Y         | Y   | -     | -           | -   | -          | -           | -      | -              | Supported VCA:<br>- Tampering<br>- Intrusion<br>- Cross line<br>- Face              |  |
| Truvision    | TVB-5606     | V9.1 FP6         | Y                  | Y     | Y     | Y              | Y        | -         | Y                | Y          | Y         | Y              | Y               | Y             | Y    | -     | Y               | Y              | Y        | Y         | Y   | -     | -           | -   | -          | -           | -      | -              | Supported VCA:<br>- Tampering<br>- Intrusion<br>- Cross line<br>- Face              |  |
| FLIR         | A400         | 2.10.22          | Y                  | Y     | -     | Y              | -        | -         | Y                | -          | Y         | Y              | -               | -             | Y    | Y     | Y               | -              | -        | -         | -   | -     | -           | -   | -          | -           | -      | -              | Supported VCA:<br>- Temperature above<br>- Temperature below<br>- Temperature match |  |



# Device Integration

| Manufacturer | Model              | Firmware Version | Features Supported   |
|--------------|--------------------|------------------|--|
| Axis         | C-1310-E (Speaker) | 9.80.2.2         | Audio in<br>Audio out (Two-way audio)<br>Auto-Discovery<br>Alarm IN<br>Alarm OUT |

