# ViconNet Version 6 Camera and Edge Device Support

Issued June 2011

ViconNet 6 provides support for more network cameras and edge devices than ever before. This guide lists all of the Vicon and third-party cameras that have been tested with ViconNet and the features that are operable under Version 6.

This list is updated frequently. Check our website, www.vicon-security.com for updates.

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## Vicon Surveyor™ Cameras

| Feature | Description | Surveyor Fixed Dome Series | Surveyor PTZ Dome Series | Surveyor-Mini PTZ Dome Series | Surveyor-Mini PTZ Dome Series |
|---|---|---|---|---|---|
| | | SVFT Fixed All ViconNet (–V) models Indoor/Outdoor | SVFT PTZ All ViconNet (–V) models Indoor/Outdoor | SVR All ViconNet (–V) models Indoor/Outdoor | SVR All H.264 (–O) models Indoor/Outdoor |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 | 927 | 927 |
| Camera Licensing | No license fees required | ✔ | ✔ | ✔ | ✔ |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | ✔ | ✔ | ✔ | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | ✔ | ✔ | ✔ | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | ✔ | ✔ | ✔ | |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | ✔ | ✔ | ✔ | ✔ |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | ✔ | ✔ | ✔ | ✔ |
| **Network Video Controls** | | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | | | |
| Multicast | Ability to support camera multicast streaming | | | | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | ✔ | ✔ | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ | ✔ | ✔ |
| **Compression** | | | | | |
| ViconNet® MPEG-4 | Support s ViconNet proprietary MPEG-4 format | ✔ | ✔ | ✔ | |
| MPEG-4 | Supports standard MPEG-4 compression | | | | |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ | ✔ |
| H.264 | Supports H.264 compression | | | | ✔ |
| **Other** | | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | ✔ | ✔ | ✔ | |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | ✔ | ✔ | ✔ | |

## Vicon Megapixel Fixed Dome Cameras

| Feature | Description | Megapixel Dome Camera | Megapixel Dome Camera | Megapixel Dome Camera | Megapixel Dome Camera |
|---|---|---|---|---|---|
| |  | I-ONYX MPD-955 Indoor | I-ONYX MPD-955DN-O Series Outdoor | MPD-980DN Indoor | MPD-980DN-O Outdoor |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 | 927 | 927 |
| Camera Licensing | No license fees required | ✔ | ✔ | ✔ | ✔ |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | | | |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | Note 2 | Note 2 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | ✔ | Note 1 | Note 2 | Note 2 |
| **Network Video Controls** | | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | | ✔ | ✔ |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | | ✔ | ✔ |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ | ✔ | ✔ |
| **Compression** | | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ | ✔ |
| H.264 | Supports H.264 compression | | | ✔ | ✔ |
| **Other** | | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. The web viewer supports display of images with a maximum resolution of 1920x1080. The web viewer will request lower resolution images from the camera for live viewing. Playback of recorded video in the web viewer is not supported for images exceeding 1920x1080 resolution.

## Vicon Megapixel Box Cameras

| Feature | Description | Megapixel Box Camera | Megapixel Bullet Camera | Megapixel Box Camera |
|---|---|---|---|---|
| | VICON | I-ONYX MP-955 Series Indoor | I-ONYX MP-955IR Indoor/Outdoor | I-ONYX MP-980DN Indoor |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 | 927 |
| Camera Licensing | No license fees required | ✔ | ✔ | ✔ |
| **Recording** | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | | |
| **Web Browser Interface** | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | Notes 1 and 2 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 | Notes 1 and 2 |
| **Network Video Controls** | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | | ✔ |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | | ✔ |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ | ✔ |
| **Compression** | | | | |
| ViconNet MPEG-4 | Support of ViconNet proprietary MPEG-4 format | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ |
| H.264 | Supports H.264 compression | | | ✔ |
| **Other** | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | |

1.  ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. The web viewer supports display of images with a maximum resolution of 1920x1080. The web viewer will request lower resolution images from the camera for live viewing. Playback of recorded video in the web viewer is not supported for images exceeding 1920x1080 resolution.

## Vicon Standard Resolution Dome Cameras

| Feature | Description | Roughneck® Vandal-Proof Dome Series | Fixed Dome Camera |
|---|---|---|---|
| | VICON | V910 All ViconNet (–V) models Indoor/Outdoor | VND-970IP Indoor |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 |
| Camera Licensing | No license fees required | ✔ | ✔ |
| **Recording** | | | |
| Authorization by user | Only users with valid username and password can connect to camera | ✔ | ✔ |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | ✔ | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | ✔ | ✔ |
| **Web Browser Interface** | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | ✔ | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | ✔ | Note 1 |
| **Network Video Controls** | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | |
| Multicast | Ability to support camera multicast streaming | | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ |
| **Compression** | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | ✔ | |
| MPEG-4 | Supports standard MPEG-4 compression | | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ |
| H.264 | Supports H.264 compression | | |
| **Other** | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | ✔ | |
| Audio Out | Audio can be sent to camera for broadcast | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | ✔ | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

## Vicon Standard Resolution Cameras

| Feature | Description | Box Camera | Box Camera |
|---|---|---|---|
| | | <br>VN-856V5<br>Indoor | <br>VN-957DNV5<br>Indoor |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 |
| Camera Licensing | No license fees required | ✔ | ✔ |
| **Recording** | | | |
| Authorization by user | Only users with valid username and password can connect to camera | ✔ | ✔ |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | ✔ | ✔ |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | ✔ | ✔ |
| **Web Browser Interface** | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | ✔ | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | ✔ | ✔ |
| **Network Video Controls** | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | |
| Multicast | Ability to support camera multicast streaming | | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | ✔ | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ |
| **Compression** | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | ✔ | |
| MPEG-4 | Supports standard MPEG-4 compression | | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ |
| H.264 | Supports H.264 compression | | |
| **Other** | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | ✔ | |
| Audio Out | Audio can be sent to camera for broadcast | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | ✔ | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

## Vicon Specialty Cameras and Encoders

| Feature | Description | Roughneck Corner-Mount Series | Roughneck Corner-Mount Series | 4-Channel Encoder | Single-Channel Encoder |
|---|---|---|---|---|---|
| | | V15CCM-IR-2 IP (VNet) | V15CCM-IR-2 IP2 (H.264) | KTX-4 | VN-301T |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 | IP Device 533 | IP Device 533 |
| Camera Licensing | No license fees required | ✔ | ✔ | ✔ | ✔ |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | ✔ | | ✔ | ✔ |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | ✔ | | ✔ | ✔ |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | ✔ | | ✔ | ✔ |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | ✔ | ✔ | ✔ | ✔ |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | ✔ | ✔ | ✔ | ✔ |
| **Network Video Controls** | | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | | | |
| Multicast | Ability to support camera multicast streaming | ✔ | | | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | ✔ | | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ | ✔ | ✔ |
| **Compression** | | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | ✔ | | ✔ | ✔ |
| MPEG-4 | Supports standard MPEG-4 compression | | | | |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ | ✔ |
| H.264 | Supports H.264 compression | | ✔ | | |
| **Other** | | | | | |
| DNS | Camera can be setup and configured in VMS by name | ✔ | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | ✔ | | ✔ | ✔ |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | ✔ | | ✔ | ✔ |

## ACTi Cameras

| Feature | Description | MPEG-4 Video Decoder | Megapixel Box Camera |
|---|---|---|---|
| | ACTi Connecting Vision | SED3300/ SED3320 | ACM-5601/ 5611B |
| Driver/Firmware | Required driver or firmware revision to support features | 927/A1D-220-V3.07.02-NB | 927/A1D-220-V3.08.08-NB |
| Profile | Feature package supported by latest firmware | | MT9M131-RA5_V080507A |
| Camera Licensing | No license fees required | | |
| **Recording** | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | | |
| Quick Playback | VMS supports "Quick Playback" feature. | | |
| **Web Browser Interface** | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 |
| **Network Video Controls** | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ |
| **Compression** | | | |
| ViconNet MPEG-4 | Support s ViconNet proprietary MPEG-4 format | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ |
| H.264 | Supports H.264 compression | | |
| **Other** | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | |
| Audio Out | Audio can be sent to camera for broadcast | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

## ACTi Cameras (Continued)

| Feature | Description | Outdoor Megapixel Bullet Camera | Indoor IP PTZ Speed Dome Camera |
|---|---|---|---|
| | ACTi Connecting Vision | ACM-1231 | CAM-6500 Note 2 |
| Driver/Firmware | Required driver or firmware revision to support features | 927/A1D-220-V3.08.08-NB | 927/A1D-M2N-V2.08.11-NB |
| Profile | Feature package supported by latest firmware | | |
| Camera Licensing | No license fees required | | |
| **Recording** | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | | |
| Quick Playback | VMS supports "Quick Playback" feature. | | |
| **Web Browser Interface** | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 |
| **Network Video Controls** | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ |
| **Compression** | | | |
| ViconNet MPEG-4 | Support s ViconNet proprietary MPEG-4 format | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ |
| H.264 | Supports H.264 compression | | |
| **Other** | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | |
| Audio Out | Audio can be sent to camera for broadcast | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

2. CAM-6500 supports PTZ but not Autopan.

## ACTi Cameras (Continued)

| Feature | Description | Megapixel PoE Dome Camera | Megapixel Vandal-Proof PoE Dome Camera | Single-Channel Encoder |
|---|---|---|---|---|
| | ACTi Connecting Vision | ACM-3401/ ACM-3411 | ACM-7411 | ACD-2100 |
| Driver/Firmware | Required driver or firmware revision to support features | 927/A1D-220-V3.08.08-NB | 927/A1D-220-V3.11.13-NB | 927/A1D-220-V3.08.08-NB |
| Profile | Feature package supported by latest firmware | ADV7180-RXX_V071030A | | MT9M131-RA5_V080507A |
| Camera Licensing | No license fees required | | | |
| **Recording** | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | | | |
| Quick Playback | VMS supports "Quick Playback" feature. | | | |
| **Web Browser Interface** | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 | Note 1 |
| **Network Video Controls** | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ | ✔ |
| **Compression** | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ |
| H.264 | Supports H.264 compression | | | |
| **Other** | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

## Arecont Vision Cameras

| Feature | Description | MegaVideo® MJPEG Series | MegaVideo® Compact MJPEG Series | H.264 Series |
|---|---|---|---|---|
| |  megapixel technology... beyond imagination | AV1300, AV2100, AV3100, AV3130, AV5100 | AV1315, AV2115, AV3115, AV5115 Note 3 | AV2105, AV3105, AV5105, AV10005, AV2805, AV1355, AV2155, AV3155, AV5155 |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 | 927 |
| Camera Licensing | No license fees required | | | |
| **Recording** | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | | |
| **Web Browser Interface** | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Notes 1 and 2 | Notes 1 and 2 | Notes 1 and 2 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Notes 1 and 2 | Notes 1 and 2 | Notes 1 and 2 |
| **Network Video Controls** | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | ✔ | ✔ |
| Multicast | Ability to support camera multicast streaming | | | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | ✔ | ✔ | ✔ |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | ✔ | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ | ✔ |
| **Compression** | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | |
| MPEG-4 | Supports standard MPEG-4 compression | | | |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ |
| H.264 | Support s H.264 compression | | ✔ | ✔ |
| **Other** | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. The web viewer supports display of images with a maximum resolution of 1920x1080. The web viewer will request lower resolution images from the camera for live viewing. Playback of recorded video in the web viewer is not supported for images exceeding 1920x1080 resolution.
3. In addition to the models listed, there are variants. Operation with ViconNet is not affected. For example: AV1355, AV1355DN, AV1355DN-1HK, AV1355DN-16.

## Arecont Vision Cameras (Continued)

| Feature | Description | Panoramic Series | Panoramic Megapixel |
|---|---|---|---|
| | **Arecont Vision** megapixel technology... **beyond imagination** | AV8185 AV8365 | AV8180 |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 |
| Camera Licensing | No license fees required | | |
| **Recording** | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | |
| **Web Browser Interface** | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Notes 1 and 2 | Notes 1 and 2 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Notes 1 and 2 | Notes 1 and 2 |
| **Network Video Controls** | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | ✔ | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ | ✔ |
| **Compression** | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | |
| MPEG-4 | Supports standard MPEG-4 compression | | |
| MJPEG | Supports MJPEG compression | ✔ | ✔ |
| H.264 | Support of H.264 compression format in addition to basic MJPEG or MPEG-4 | ✔ | |
| **Other** | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | |
| Audio Out | Audio can be sent to camera for broadcast | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. The web viewer supports display of images with a maximum resolution of 1920x1080. The web viewer will request lower resolution images from the camera for live viewing. Playback of recorded video in the web viewer is not supported for images exceeding 1920x1080 resolution.

## Axis Cameras

| Feature | Description | Fixed Wireless Network Box Camera | Fixed Megapixel Box Camera | Video Server | PTZ Network Box Camera |
|---|---|---|---|---|---|
| | AXIS COMMUNICATIONS | 211A | 223M | 241Q | 213 Note 2 |
| Driver/Firmware | Required driver or firmware revision to support features | 927/4.47 | 927/4.45 | 927/4.47 | 927/4.35 |
| Camera Licensing | No license fees required | | | | |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | ✔ | ✔ |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | | | | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | | | |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | Note 1 | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 | Note 1 | Note 1 |
| **Network Video Controls** | | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | ✔ | ✔ | ✔ | ✔ |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | ✔ | ✔ | ✔ | ✔ |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | MJPEG only | MJPEG only | MJPEG only | MJPEG only |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | | | | |
| **Compression** | | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ | ✔ |
| H.264 | Support s H.264 compression | | | | ✔ |
| **Other** | | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | ✔ | ✔ | ✔ | ✔ |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. PTZ Network Camera 213 supports PTZ and autopan.

## Axis Cameras (Continued)

| Feature | Description | HD Network Box Camera | Fixed Dome Camera | Fixed Dome Camera | Fixed Box Camera |
|---------|-------------|-----------------------|-------------------|-------------------|------------------|
| | AXIS COMMUNICATIONS | Q1755 | 233D | 225FD | 210 |
| Driver/Firmware | Required driver or firmware revision to support features | 927/5.02 | 927 | 927 | 927 |
| Camera Licensing | No license fees required | | | | |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | ✔ | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, ...) from VMS | ✔ | | | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | | | | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | | | | |
| Quick Playback | VMS supports "Quick Playback" feature. | | See Note 2 | See Note 2 | See Note 2 |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | | | |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | | | |
| **Network Video Controls** | | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | ✔ | | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | ✔ | | | |
| Multicast | Ability to support camera multicast streaming | ✔ | | | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | MJPEG only | See Note 2 | See Note 2 | See Note 2 |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | | | | |
| **Compression** | | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | ✔ | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | | | |
| MJPEG | Supports MJPEG compression | ✔ | | | |
| H.264 | Support s H.264 compression | ✔ | | | |
| **Other** | | | | | |
| DNS | Camera can be setup and configured in VMS by name | ✔ | | | |
| Audio In | VMS can record audio stream generated from camera | | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

2. These models were not tested by Vicon, but were tested by others and were operable with ViconNet. The full extent of functionality is not known.

## Axis Cameras (Continued)

| Feature | Description | HD Network Box Camera | Fixed Dome Camera |
|---|---|---|---|
| | AXIS COMMUNICATIONS | | |
| | | 232D | 216MFD |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927 |
| Camera Licensing | No license fees required | | |
| **Recording** | | | |
| Authorization by user | Only users with valid username and password can connect to camera | ✔ | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | | |
| Quick Playback | VMS supports "Quick Playback" feature. | | |
| **Web Browser Interface** | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | See Note 2 |
| **Network Video Controls** | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | ✔ | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | ✔ | |
| Multicast | Ability to support camera multicast streaming | ✔ | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | MJPEG only | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | | |
| **Compression** | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | ✔ | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | |
| MJPEG | Supports MJPEG compression | ✔ | |
| H.264 | Support s H.264 compression | ✔ | |
| **Other** | | | |
| DNS | Camera can be setup and configured in VMS by name | ✔ | |
| Audio In | VMS can record audio stream generated from camera | | |
| Audio Out | Audio can be sent to camera for broadcast | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

2. These models were not tested by Vicon, but were tested by others and were operable with ViconNet. The full extent of functionality is not known.

## IQinVision Cameras

| Feature | Description | Megapixel Box Cameras | Megapixel Box Camera | Megapixel Vandal-Res Dome Camera |
|---|---|---|---|---|
| | IQinvision Q | IQ700/750 7 Series | IQeye511 5 Series | IQA23S Alliance Series |
| Driver/Firmware | Required driver or firmware revision to support features | 927 | 927/V2.8/4(071114) | V3.0/4(091112) |
| Camera Licensing | No license fees required | | | |
| **Recording** | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, ...) from VMS | | | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | | | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | | |
| **Web Browser Interface** | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | | Note 1 | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | | Note 1 | Note 1 |
| **Network Video Controls** | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | | ✔ |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | ✔ | ✔ |
| Multicast | Ability to support camera multicast streaming | | | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | ✔ | MJPEG only |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | | | |
| **Compression** | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | |
| MPEG-4 | Supports standard MPEG-4 compression | | | |
| MJPEG | Supports MJPEG compression | | ✔ | ✔ |
| H.264 | Supports H.264 compression | | | ✔ |
| **Other** | | | | |
| DNS | Camera can be set up and configured in VMS by name | | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | |

*(Note: The "Megapixel Box Cameras" (IQ700/750 7 Series) column is overlaid with the text "See Note 3")*

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. The web viewer supports display of images with a maximum resolution of 1920x1080. The web viewer will request lower resolution images from the camera for live viewing. Playback of recorded video in the web viewer is not supported for images exceeding 1920x1080 resolutin.
3. This model was not tested by Vicon, but was tested by others and was operable with ViconNet. The full extent of functionality is not known.

## Mobotix Cameras

| Feature | Description | Megapixel Dome Camera |
|---------|-------------|----------------------|
| | MOBOTIX Security-Vision-Systems | D22 |
| Driver/Firmware | Required driver or firmware revision to support features | 927 |
| Camera Licensing | No license fees required | |
| **Recording** | | |
| Authorization by user | Only users with valid username and password can connect to camera | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | |
| **Web Browser Interface (Note 1)** | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | ✔ |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | ✔ |
| **Network Video Controls** | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | |
| Multicast | Ability to support camera multicast streaming | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | MJPEG Only |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | ✔ |
| **Compression** | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | |
| MPEG-4 | Supports standard MPEG-4 compression | |
| MJPEG | Supports MJPEG compression | ✔ |
| H.264 | Supports H.264 compression | |
| **Other** | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ |
| Audio In | VMS can record audio stream generated from camera | |
| Audio Out | Audio can be sent to camera for broadcast | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.

## Panasonic Cameras

| Feature | Description | Fixed Box Camera | PTZ Dome Camera** | Megapixel Box Camera | Vandal-Res Fixed Dome Camera |
|---------|-------------|------------------|-------------------|----------------------|------------------------------|
| | **Panasonic** | WV-NP244 | WV-NS202A Note 2 | WV-NP1000 | WV-NW484S |
| Driver/Firmware | Required driver or firmware revision to support features | 927/1.22E | 927/4.45 | 927/1.24P2 | 927 |
| Camera Licensing | No license fees required | | | | |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | | | | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | | | | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post | |
| Quick Playback | VMS supports "Quick Playback" feature. | | | | See Note 2 |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | Note 1 | |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 | Note 1 | |
| **Network Video Controls** | | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | ✔ | ✔ | ✔ | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | ✔ | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | ✔ | ✔ | ✔ | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | MJPEG only | MJPEG only | MJPEG only | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | | | | |
| **Compression** | | | | | |
| ViconNet | Supports ViconNet proprietary MPEG-4 format | | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | ✔ | |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ | |
| H.264 | Supports H.264 compression | | | | |
| **Other** | | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ | |
| Audio In | VMS can record audio stream generated from camera | | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | | | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. PTZ Network Camera WV-NS202A supports PTZ and autopan.
3. This model was not tested by Vicon, but was tested by others and was operable with ViconNet. The full extent of functionality is not known.

## Sony Cameras

| Feature | Description | PTZ Dome Camera | WDR Dome Camera | Mini-Dome Camera | Dome Camera |
|---|---|---|---|---|---|
| **SONY** | | SNCRZ25N Note 2 | SNCDF50N | SNCDF40N /SNCDF70N | SNCRX550N |
| Driver/Firmware | Required driver or firmware revision to support features | 927/1.23 | 927/1.11 | 927/1.13 | 927 |
| Camera Licensing | No license fees required | | | | |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera | | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | ✔ | ✔ | | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | | |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | | |
| Quick Playback | VMS supports "Quick Playback" feature. | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | | Not with H.264 | | |
| **Web Browser Interface** | | | | | |
| Web Browser (Live)* | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | See Note 3 | See Note 3 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 | | |
| **Network Video Controls** | | | | | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | | |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | | | | |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | | ✔ | | |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | MJPEG Unicast Only | MJPEG Unicast Only | | |
| **Compression** | | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | | |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | | |
| H.264 | Supports H.264 compression | ✔ | ✔ | ✔ | ✔ |
| **Other** | | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | | |
| Audio In | VMS can record audio stream generated from camera | ✔ | ✔ | | |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | | |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
2. PTZ Network Camera SNCRZ25N supports PTZ but not autopan.
3. These models were not tested by Vicon, but were tested by others and were operable with ViconNet. The full extent of functionality is not known.

## Vivotek Cameras

| Feature | Description | Fixed Indoor PoE Dome Camera | Megapixel PoE Box Camera | Megapixel Box Camera | Megapixel PoE Vandal Proof Dome Camera |
|---|---|---|---|---|---|
| | | FD7131 | IP7138 | IP8161 | IP8361 |
| Driver/Firmware | Required driver or firmware revision to support features | 0100d | 0201i | | 0101a |
| Camera Licensing | No license fees required | | | | |
| **Recording** | | | | | |
| Authorization by user | Only users with valid username and password can connect to camera | | | | |
| Museum Search | VMS supports intelligent museum search of video recorded from this camera. | | | | |
| Picture Setting Control | Ability to adjust image (color, brightness, contrast, …) from VMS | | | | |
| Motion Detection | Ability to tag recorded video based on motion detection criteria | ✔ | ✔ | ✔ | ✔ |
| Motion Based Recording | VMS records events: before motion (Pre); during motion (Motion); after motion (Post) | Post | Post | Post | Post |
| Quick Playback | VMS supports "Quick Playback" feature. | | | | |
| Multi-Format Streams | Ability to send simultaneous streams in different compression formats | ✔ | ✔ | ✔ | ✔ |
| **Web Browser Interface** | | | | | |
| Web Browser (Live) | Live camera streams can be viewed thru the ViconNet web viewer | Note 1 | Note 1 | Note 1 | Note 1 |
| Web Browser (Playback) | Recordings from the camera can be played back on the ViconNet web viewer | Note 1 | Note 1 | Note 1 | Note 1 |
| **Network Video Controls** | | | | | |
| Multicast | Ability to support camera multicast streaming | ✔ | ✔ | ✔ | ✔ |
| Quality/Resolution Control | Ability to program the camera settings from the VMS (Quality 1-8) | MJPEG Only | MJPEG Only | MJPEG Only | MJPEG Only |
| Multi-Resolution Streams | Support of lower resolution streams for multi-camera displays | ✔ | ✔ | ✔ | ✔ |
| FPS Control | Ability of VMS to lower the frame rate to different users improve system performance | | | | |
| **Compression** | | | | | |
| ViconNet MPEG-4 | Supports ViconNet proprietary MPEG-4 format | | | | |
| MPEG-4 | Supports standard MPEG-4 compression | ✔ | ✔ | ✔ | ✔ |
| MJPEG | Supports MJPEG compression | ✔ | ✔ | ✔ | ✔ |
| H.264 | Supports H.264 compression | ✔ | ✔ | ✔ | ✔ |
| **Other** | | | | | |
| DNS | Camera can be set up and configured in VMS by name | ✔ | ✔ | ✔ | ✔ |
| Audio In | VMS can record audio stream generated from camera | | | | |
| Audio Out | Audio can be sent to camera for broadcast | | | | |
| Alarm Input (Dry Contact) | Alarm input on camera can be monitored from VMS | ✔ | ✔ | ✔ | ✔ |
| Alarm Output (Relay) | VMS can control alarm relay on camera | | | | |

1. ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.