

ViconNet Version 6.6 Camera and Edge Device Support



Vicon Surveyor® Cameras

Feature	Description	Surveyor HD PTZ Dome Series	Surveyor PTZ Dome Series	Surveyor Fixed Dome Series
	VICON	Surveyor HD Network (1.3 megapixel) Indoor/Outdoor	SVFT PTZ All ViconNet (–V) models Indoor/Outdoor	SVFT Fixed All ViconNet (–V) models Indoor/Outdoor
Driver/Firmware	Required driver or firmware revision to support features	934	934	934
Camera Licensing	No license fees required	✓	✓	✓
Recording	THE MOUNTED TOOL TO ENGINEER	l .		
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	✓	✓
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	2	1		T
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 Contro	ls	1		ı
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		T		I /
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	T	T		T
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 Surveyor® Cameras (Continued)

Feature	Description	Surveyor-Mini PTZ Dome Series	Surveyor-Mini PTZ Dome Series
•	VICON	SVR All ViconNet	SVR All H.264
	* *	(-V) models Indoor/Outdoor	(-O) models Indoor/Outdoor
Driver/Firmware	Required driver or firmware revision to support features	934	934
Camera Licensing	No license fees required	✓	✓
Recording			
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	✓
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	9		
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 Contro	ls		
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		T	T
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	✓	

Vicon Megapixel Fixed Dome Cameras

Feature	Description	Megapixel Dome Camera	Megapixel Dome Camera	Megapixel Dome Camera	Megapixel Dome Camera
	VICON		8.	Sec. 1	
	7 VICOIN	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	934	934	934	934
Camera Licensing	No license fees required	√	✓	√	✓
Recording					
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	✓	\checkmark	✓
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 Interfac	e				
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 Contro	ls				
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	,	1		1	1
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 VicenNet web viewer cupports	ViconNet proprietary MPEG-4 MIPEG and H 264 compression. It does not support	rt atandard MDEC 4	The web viewer supports	all and according to the same of the same	and a color control and a second color and a second

^{1.} VicconNet web viewer supports VicconNet 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
	V	HONYX		• •
	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	934	934	934
Camera Licensing	No license fees required	✓	✓	√
Recording				
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	✓	✓
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 Interfac	е			
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 Contro	ls			
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
	V	0	Ident
	VICON	V910 All ViconNet (-V) models Indoor/Outdoor	VND-970IP Indoor
Driver/Firmware	Required driver or firmware revision to support features	934	934
Camera Licensing	No license fees required	✓	√
Recording			
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	✓
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 Interfac	e		
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 Contro	ols		
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

features Camera Licensing Recording Camera Time Stamp Camera Time Stamp Camera Time Stamp Conly users with valid username and password can connect to camera Connect to camera Museum Search Wissupports intelligent museum search of video recorded from this camera. Picture Setting Control Ability to dagits image, (cotor, brightness, contrast,) from VMS Control Ability to dagits corded video based on motion detection criteria Museum Sasach Wiss records events: before motion (Pre); during motion (Motion), after motion (Post) Web Browser (Live) Web Browser (Live) Live camera streams can be viewed thru the ViconNet web viewer Web Browser (Live) Web Browser (Rive) Web Br	Feature	Description	Box Camera	Box Camera
Driver/Firmware Required driver or firmware revision to support 934 934 934 Camera Licensing No license fees required PRecording Camera Time Stamp Camera provides time stamp (not VMS) 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 Ability to adjust image (color, brightness, control control control control control control control detection criteria Motion Detection Ability to tag recorded video based on motion detection criteria Motion Based WMS records events: before motion (Pre); during motion (Motion), after motion (Pre); during which is a prevent interface Web Browser (Live) Web Browser (L	11	VUCONI	1-1-	1
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Camera Time Stamp Camera provides time stamp (not VMS) 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. Ability to adjust image (color, brightness, control control Control Ability to lag recorded video based on motion detection criteria Motion Based Ability to lag recorded video based on motion detection criteria Motion Based VMS records events: before motion (Pre); during motion (Motion); after motion (Post) Post Recording motion (Motion); after motion (Post) Vis Supports "Quick Playback" feature Web Browser (Live) Live camera streams can be viewed thru the ViconNet web viewer Web Browser (Live) Live camera streams can be played back on the ViconNet web viewer Wetwork Video Controls Multi-Resolution Support of lower resolution streams for multi-compression formats Multi-Resolution Support of lower resolution streams for multi-control Ability to support camera multicast streaming Multi-Resolution Ability to program the camera settings from the Control Ability to program the camera settings from the Control Ability to program the camera settings from the 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 Supports ViconNet proprietary MPEG-4 format MPEG Supports MJPEG compression ViconNet MPEG-4 Supports MJPEG compression ViconNet MPEG-4 Supports MJPEG compression ViconNet MPEG Audio In VMS can record audio stream generated from camera Audio Out Audio Camera can be set up and configured in VMS by name Audio Out Audio Camera can be sen to camera for broadcast Audio Out Audio Camera can be sen to camera for broadcast Audio Out Audio Camera can be sen to camera for broadcast	Camera Licensing	No license fees required	✓	✓
Authorization by user Only users with valid username and password can connect to camera Wuseum Search VMS supports intelligent museum search of video recorded from this camera. VMS supports intelligent museum search of video recorded from this camera. Ability to adjust image (color, brightness, contrast) from VMS Motion Detection Ability to adjust image (color, brightness, contrast) from VMS Motion Based Motion Based VMS records events: before motion (Pre); during motion (Motion); after motion (Post) Ouick Playback Web Browser (Live) Vive camera streams can be viewed thru the ViconNet web viewer Web Browser (Rive) ViconNet web viewer Notion 1 Web Browser (Rive) ViconNet web viewer Notion 1 Witi-Resolution Support of lower resolution streams in different compression formats Multi-Resolution Support of lower resolution streams for multi-camera displays Multicast Ability to program the camera autilizast streaming Quality/Resolution 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 Standard MPEG-4 compression ViconNet MPEG-4 Supports MJPEG compression ViconNet MJPEG Audio In VMS can record audio stream generated from camera Audio Out Audio camera and be sent to camera for broadcast Alaum Input (Dry Audin input on camera can be monitored from VMS	Recording	,		
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recorded from this camera. Ability to adjust image (color, brightness, Control Control Contrast	Authorization by user		✓	✓
Control contrast) from VMS Motion Detection Ability to tag recorded video based on motion detection criteria Motion Based Recording Motion (Motion); after motion (Post) VMS records events: before motion (Pres); during motion (Motion); after motion (Post) VMS supports "Quick Playback VMS supports "Quick Playback feature Web Browser (Live) Live camera streams can be viewed thru the ViconNet web viewer Web Browser (Live) Multi-Resolution Streams Multi-Format Streams Multi-Resolution Streams Multi-Resolution Streams Ability to send simultaneous streams for multi-camera displays Multi-Resolution Streams Ability to program the camera settings from the Control VMS (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 Supports MJPEG compression MJPEG Supports MJPEG compression VMS Camera can be set up and configured in VMS by name Audio Out Audio can be sent to camera for broadcast Alarm Input (Dry Contact) VMS	Museum Search		✓	✓
Motion Based VMS records events: before motion (Pre); during Post	Picture Setting Control	Ability to adjust image (color, brightness, contrast,) from VMS	✓	✓
Recording motion (Motion): after motion (Post) Ouick Playback WMS supports "Ouick Playback" feature Web Browser (Live) Live camera streams can be viewed thru the ViconNet web viewer Web Browser (Live) Web Browser (Live) Web Browser (Live) 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 Support of lower resolution streams for multi-camera displays Multicast Ability to support camera multicast streaming Quality/Resolution Control VMS (Quality 1-8) FPS Control Ability to FVMS to lower the frame rate to different users improve system performance Compression ViconNet MPEG-4 Supports ViconNet proprietary MPEG-4 format MPEG-4 Supports MJPEG compression ViconNet MPEG-4 Supports H.264 compression DNS Camera can be set up and configured in VMS by name Audio Out Audio can be sent to camera for broadcast Alarm Input (Dry Contact)	Motion Detection		✓	✓
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 Ability to send simultaneous streams in different compression formats ✓ Multi-Format Streams Ability to send simultaneous streams for multicompression formats ✓ Multi-Resolution Streams Support of lower resolution streams for multicast streaming ✓ 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 ✓ WIPEG Supports MJPEG compression ✓ MJPEG Supports MJPEG compression ✓ H.264 Supports MJPEG compression ✓ H.264 Supports MJPEG compression ✓ Other ✓ DNS Camera can be set up and configured in VMS by name ✓ </td <td>Motion Based Recording</td> <td></td> <td>Post</td> <td>Post</td>	Motion Based Recording		Post	Post
Web Browser (Live) Live camera streams can be viewed thru the ViconNet web viewer 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 Ability to support of lower resolution streams for multi-camera displays Multicast Ability to support camera multicast streaming Ability to support acmera multicast streaming Ability to program the camera settings from the VMS (Quality 1-8) 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 ViconNet 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) ViconNet input (Dry Contact)	Quick Playback	VMS supports "Quick Playback" feature	✓	✓
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 ViconNet proprietary MPEG-4 format MPEG-4 Supports MJPEG compression MJPEG Supports MJPEG compression ML264 Supports MJPEG compression Other 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	Web Browser Interfac	9		
(Playback) on the ViconNet web viewer Network Video Controls Multi-Format Streams Ability to send simultaneous streams in different compression formats Multi-Format 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 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	Web Browser (Live)		✓	Note 1
Multi-Format Streams		on the ViconNet web viewer	✓	✓
Compression formats	Network Video Contro	ls		
Streams 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) VMS	Multi-Format Streams			
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 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	Multi-Resolution Streams			
Control 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 VMS contact Alarm input on camera can be monitored from VMS V Audio Contact Alarm input on camera can be monitored from VMS V Audio Contact Alarm input on camera can be monitored from VMS	Multicast	Ability to support camera multicast streaming		✓
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) ViconNet MPEG-4 format ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	Quality/Resolution Control		✓	
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) ViconNet MPEG-4 format ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	FPS Control		✓	✓
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 VMS	Compression			<u> </u>
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	ViconNet MPEG-4	Supports ViconNet proprietary MPEG-4 format	✓	
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) VMS	MPEG-4	Supports standard MPEG-4 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) VMS	MJPEG	Supports MJPEG compression	✓	✓
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	H.264	Supports H.264 compression		
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	Other	,		1
camera Audio Out Audio can be sent to camera for broadcast Alarm Input (Dry Contact) Alarm input on camera can be monitored from ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	DNS		✓	✓
Alarm Input (Dry Contact) Alarm input on camera can be monitored from VMS	Audio In	ů .	✓	
Contact) VMS	Audio Out	Audio can be sent to camera for broadcast		
Alarm Output (Relay) VMS can control alarm relay on camera	Alarm Input (Dry Contact)		✓	✓
	Alarm Output (Relay)	VMS can control alarm relay on camera	\checkmark	

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

Vicon Specialty Cameras

Feature	Description	Roughneck Corner-Mount Series	Roughneck Corner-Mount Series
,	VICON	1	
	/ / / / / / / / / /	V15CCM-IR-2 IP (ViconNet)	V15CCM-IR-2 IP2 (H.264)
Driver/Firmware	Required driver or firmware revision to support features	934	934
Camera Licensing	No license fees required	✓	✓
Recording			
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	
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 Interfac	e		
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 Contro	ols		1
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			T
ViconNet MPEG-4	Supports ViconNet proprietary MPEG-4 format	4	
MPEG-4	Supports standard MPEG-4 compression		,
MJPEG	Supports MJPEG compression	✓	✓
H.264	Supports H.264 compression		✓
Other	,		Т
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	✓	

Vicon Encoders

Feature	Description	H264 4-Channel Encoder	4-Channel Encoder	Single-Channel Encoder
	VICON	Tang.	0.5.5.3	9
	V VICON	H264-ENCDR	KTX-4	VN-301T
Driver/Firmware	Required driver or firmware revision to support features	IP Device 533	IP Device 533	IP Device 533
Camera Licensing	No license fees required	✓	✓	√
Recording				
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	✓	✓
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 Interfac	e			•
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 Contro	1	I	I	1
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		I	T	1
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	✓	✓	✓

Vicon V960 Megapixel Cameras

Feature	Description	V960 Series
	VICON	¥un mm
Auto-detection of camera ViconNet	ViconNet software will search network for new cameras to integrate	✓
Camera Licensing	No license fees required	✓
Recording		
Camera Time Stamp	Camera provides time stamp (not VMS)	√
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)	Motion and Post
Quick Playback	VMS supports "Quick Playback" feature	✓
Web Browser Interface	9	
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 Contro	ls	
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	1	
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	1	
DNS	Camera can be set up and configured in VMS by name	v
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	

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.

ONVIF Cameras

Note: All features are camera dependant.

Feature	Description	Support
Onvie Driving network video through global standardization	Vicon has created a generic ONVIF driver that allows cameras that utilize the ONVIF 2.0 standard to be integrated into ViconNet.	
Auto-detection of camera ViconNet	ViconNet software will search network for new cameras to integrate	✓
Camera Licensing	No license fees required	
Recording		
Camera Time Stamp	Camera provides time stamp (not VMS)	Camera dependant
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)	Motion and Post
Quick Playback	VMS supports "Quick Playback" feature	✓
Web Browser Interface	<u>, </u>	
Web Browser (Live)	Live camera streams can be viewed thru the ViconNet web viewer	Notes 1 and 2
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer	Notes 1 and 2
Network Video Controls	<u>, </u>	
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	1	
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	1	
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	√
PTZ Control	Supports PTZ camera controls	√

^{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.

Cameras Tested with ONVIF

Feature	Description	Pelco IM10 Series
Driver/Firmware	Required driver or firmware revision to support features	V1.8.2 (Onvif 2.0)
Profile	Feature package supported by latest firmware	V 11012 (011111 210)
Camera Licensing	No license fees required	
Recording	No license rees required	
Camera Time Stamp	Camera provides time stamp (not VMS)	
Authorization by user	Only users with valid username and password can connect to	
Addition Edition by deci	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	е	
Web Browser (Live)	Live camera streams can be viewed thru the ViconNet web viewer	\sim
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer	te
Network Video Contro	ls	0
Multi-Format Streams	Ability to send simultaneous streams in different compression formats	Ž
Multi-Resolution Streams	Support of lower resolution streams for multi-camera displays	<u>(1)</u>
Multicast	Ability to support camera multicast streaming	
Quality/Resolution Control	Ability to program the camera settings from the VMS (Quality 1-8)	Se
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	

Alarm Output (Relay) VMS can control alarm relay on camera

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.

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	930/A1D-220- V3.07.02-NB	930/A1D-220- V3.08.08-NB
Profile	Feature package supported by latest firmware		MT9M131- RA5_V080507A
Camera Licensing Recording	No license fees required		
Camera Time Stamp	Camera provides time stamp (not VMS)	✓	
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 Interfac			4
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 Contro	l Ils		<u> </u>
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.

ACTi Cameras (Continued)

Feature	Description	Outdoor Megapixel Bullet Camera	Indoor IP PTZ Speed Dome Camera
	ACT i		
	Connecting Vision	ACM-1231	CAM-6500 Note 2
Driver/Firmware	Required driver or firmware revision to support features	930/A1D-220- V3.08.08-NB	930/A1D-M2N- V2.08.11-NB
Profile	Feature package supported by latest firmware		
Camera Licensing	No license fees required		
Recording		<u> </u>	
Camera Time Stamp	Camera provides time stamp (not VMS)		
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 Interfac	e		
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 Contro	l Is		
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	the second standard MDEO 4	

^{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
	ACT i			
	Connecting Vision	ACM-3401/ ACM-3411	ACM-7411	ACD-2100
Driver/Firmware	Required driver or firmware revision to support features	930/A1D-220- V3.08.08-NB	930/A1D-220- V3.11.13-NB	930/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				1
Camera Time Stamp	Camera provides time stamp (not VMS)			
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 Interfac		1		•
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 Contro	ols			
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	1 11 11 11 11 11 11 11 11 11 11 11 11 1			1
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
A	Arecont Vision megapixel technology			•
MegaLab F	beyond imagination lay 2011: ViconNet was tested in the Arecont Megalabs. or the complete list of cameras certified by Arecont visit ww.arecontvision.com	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	930	930	930
Camera Licensing	No license fees required			
Recording				
Camera Time Stamp	Camera provides time stamp (not VMS)			
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 Interfac	e		_	
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 Contro	ols	I	1	I
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		ı	1	1
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			1	
DNS	Camera can be set up and configured in VMS by name	✓	✓	V
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 s ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support			

^{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	IR Bullet
A	Arecont Vision			6-3
	megapixel technology beyond imagination	AV8185, AV8365, AV20185*, AV20365*	AV8180	AV1125, AV2125, AV3125, AV5125
Driver/Firmware	Required driver or firmware revision to support features	930	930	930
Camera Licensing	No license fees required			
Recording			T	T
Camera Time Stamp	Camera provides time stamp (not VMS)			
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 Interfac	е		T	T
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 Contro	ls		I	T
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			Γ	T
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				1 ,
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. *These models were not tested by Vicon, but were tested by others and were operable with ViconNet. The full extent of

Axis Cameras

Description	Fixed Wireless Network Box Camera	Fixed Megapixel Box Camera	Video Server	PTZ Network Box Camera
S'A	1	Ī	No.	
ICATIONS	211A	223M	241Q	213 Note 2
iver or firmware revision to support	930/4.47	930/4.45	930/4.47	930/4.35
ees required				
	1	1		l
vides time stamp (not VMS)		✓	✓	
with valid username and password to camera	✓	✓	✓	✓
rts intelligent museum search of led from this camera.				
ust image (color, brightness, from VMS	✓	✓	✓	✓
recorded video based on motion teria				
s events: before motion (Pre); on (Motion); after motion (Post)	Post	Post	Post	Post
rts "Quick Playback" feature	√	✓	√	✓
streams can be viewed thru the eb viewer	Note 1	Note 1	Note 1	Note 1
from the camera can be played ViconNet web viewer	Note 1	Note 1	Note 1	Note 1
	1	<u> </u>	1	T
nd simultaneous streams in npression formats	✓	✓	✓	✓
ower resolution streams for multi- lays	✓	✓	✓	✓
oport camera multicast streaming	✓	✓	✓	✓
ogram the camera settings from the y 1-8)	MJPEG only	MJPEG only	MJPEG only	MJPEG only
IS to lower the frame rate to ers improve system performance				
	T	T	1	T
conNet proprietary MPEG-4 format	✓	✓	/	
andard MPEG-4 compression	✓	✓	√	√
JPEG compression	V	V	V	· /
.264 compression	1			V
be set up and configured in VMS	✓	✓	✓	✓
cord audio stream generated from	✓	✓	✓	✓
e sent to camera for broadcast				
on camera can be monitored from				
e se	ent to camera for broadcast camera can be monitored from ol alarm relay on camera	ent to camera for broadcast camera can be monitored from ol alarm relay on camera	ent to camera for broadcast camera can be monitored from	ent to camera for broadcast camera can be monitored from ol alarm relay on camera

ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
 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'	1			7
	COMMUNICATIONS	Q1755	233D	225FD	210
Driver/Firmware	Required driver or firmware revision to support features	930/5.02	930	930	930
Camera Licensing	No license fees required				
Recording	,	ı	l		
Camera Time Stamp	Camera provides time stamp (not VMS)	✓			
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	9		()	()	1 7
Web Browser (Live)	Live camera streams can be viewed thru the ViconNet web viewer	Note 1	O	e	O
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer	Note 1	Ot) Ot	Ot Ot
Network Video Contro	ls	Ī			_
Multi-Format Streams	Ability to send simultaneous streams in different compression formats	✓			
Multi-Resolution Streams	Support of lower resolution streams for multi- camera displays	✓	a)	O O	<u>a</u>
Multicast	Ability to support camera multicast streaming	✓	<u> </u>	- O	<u> </u>
Quality/Resolution Control	Ability to program the camera settings from the VMS (Quality 1-8)	MJPEG only	8	2	2
FPS Control	Ability of VMS to lower the frame rate to different users improve system performance				
Compression	T		T		
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		T			
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	232D	216MFD			
Driver/Firmware	Required driver or firmware revision to support features	930	930			
Camera Licensing	No license fees required					
Recording	·	<u> </u>	L			
Camera Time Stamp	Camera provides time stamp (not VMS)					
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	a)			
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer	Note 1)			
Network Video Contro	ls	Ī				
Multi-Format Streams	Ability to send simultaneous streams in different compression formats	✓	Z			
Multi-Resolution Streams	Support of lower resolution streams for multi- camera displays	✓	U			
Multicast	Ability to support camera multicast streaming	✓	(1)			
Quality/Resolution Control	Ability to program the camera settings from the VMS (Quality 1-8)	MJPEG only	Š			
FPS Control	Ability of VMS to lower the frame rate to different users improve system performance					
Compression			T			
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 MicanNot was viewer own	orts VicanNot proprietary MDEC 4, MIDEC and U 264 compre		I I IMPEO I			

^{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
	Qinvision @			8
	QIIIVISIOII Q.	IQ700/750 7 Series	IQeye511 5 Series	IQA23S Alliance Series
Driver/Firmware	Required driver or firmware revision to support features	930	930/V2.8/4(071114)	V3.0/4(091112)
Camera Licensing	No license fees required			
Recording			1	•
Camera Time Stamp	Camera provides time stamp (not VMS)			
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	e	\sim	•	•
Web Browser (Live)	Live camera streams can be viewed thru the ViconNet web viewer	te	Note 1	Note 1
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer)t	Note 1	Note 1
Network Video Contro	ls	0	_	
Multi-Format Streams	Ability to send simultaneous streams in different compression formats	Z		✓
Multi-Resolution Streams	Support of lower resolution streams for multi- camera displays	Ð	✓	✓
Multicast	Ability to support camera multicast streaming	(1)		
Quality/Resolution Control	Ability to program the camera settings from the VMS (Quality 1-8)	Š	✓	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.

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. 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
	Security-Volen-Systems MOBOTIX	D22
Driver/Firmware	Required driver or firmware revision to support features	930
Camera Licensing Recording	No license fees required	
Camera Time Stamp	Camera provides time stamp (not VMS)	
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 Interfac	e (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 Contro	ols	
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	1	
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
P	anasonic		T	0-	
		WV-NP244	WV-NS202A Note 2	WV-NP1000	WV-NW484S
Driver/Firmware	Required driver or firmware revision to support features	930/1.22E	930/4.45	930/1.24P2	930
Camera Licensing	No license fees required				
Recording			•	·	·
Camera Time Stamp	Camera provides time stamp (not VMS)				
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	e		1		()
Web Browser (Live)	Live camera streams can be viewed thru the ViconNet web viewer	Note 1	Note 1	Note 1	U
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer	Note 1	Note 1	Note 1	ot
Network Video Contro	ls		1	T	
Multi-Format Streams	Ability to send simultaneous streams in different compression formats	✓	✓	✓	Z
Multicast	Ability to support camera multicast streaming	✓	✓	✓	4
Multi-Resolution Streams	Support of lower resolution streams for multi- camera displays	✓	✓	✓	a
Quality/Resolution Control	Ability to program the camera settings from the VMS (Quality 1-8)	MJPEG only	MJPEG only	MJPEG only	Š
FPS Control	Ability of VMS to lower the frame rate to different users improve system performance				
Compression			1	I	
ViconNet	Supports ViconNet proprietary MPEG-4 format				
MPEG-4	Supports standard MPEG-4 compression	√	√	√	
MJPEG	Supports MJPEG compression	✓	√	✓	
H.264	Supports H.264 compression		1	<u> </u>	
Other	0	_	1 .		
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 ViconNot wob viower cupports	ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does n	not cumport standard MDEC	:_/I		

ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
 PTZ Network Camera WV-NS202A supports PTZ and autopan.
 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
S	SONY				
•	30111	SNCRZ25N Note 2	SNCDF50N	SNCDF40N /SNCDF70N	SNCRX550N
Driver/Firmware	Required driver or firmware revision to support features	930/1.23	930/1.11	930/1.13	930
Camera Licensing	No license fees required				
Recording					•
Camera Time Stamp	Camera provides time stamp (not VMS)				
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	e				
Web Browser (Live)*	Live camera streams can be viewed thru the ViconNet web viewer	Note 1	Note 1	∞	3
Web Browser (Playback)	Recordings from the camera can be played back on the ViconNet web viewer	Note 1	Note 1	<u> </u>	(h
Network Video Contro	ls	1	1		<u></u>
Multi-Format Streams	Ability to send simultaneous streams in different compression formats		Not with H.264	_ 	0
Multicast	Ability to support camera multicast streaming	✓	✓		
Quality/Resolution Control	Ability to program the camera settings from the VMS (Quality 1-8)				<u></u>
Multi-Resolution Streams	Support of lower resolution streams for multi- camera displays		✓	a)	- G
FPS Control	Ability of VMS to lower the frame rate to different users improve system performance	MJPEG Unicast Only	MJPEG Unicast Only	Se	S
Compression	T	T	,		1
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	√	✓	4	4
Other	T	T	 		
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				

ViconNet web viewer supports ViconNet proprietary MPEG-4, MJPEG and H.264 compression. It does not support standard MPEG-4.
 PTZ Network Camera SNCRZ25N supports PTZ but not autopan.
 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
	VIVOTEK			0)0 ==	
Driver/Firmware	Described driver or firmware register to current	FD7131	IP7138	IP8161	IP8361
Dilvei/Fillilwale	Required driver or firmware revision to support features	0100d	0201i		0101a
Camera Licensing	No license fees required				
Recording	,			1	1
Camera Time Stamp	Camera provides time stamp (not VMS)				
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	9				
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 Contro	ls				
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)	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	T	T	T	ı	I
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		L L L LIMPEO A		

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