



NVR6 series – Feature List

Item	NVR6 series
CMS Support	Free CMS Software to manage multiple remote NVR6 series server stations
Support Models	Comply ONVIF, if other brands camera also comply ONVIF, it can be supported by NVR6 series.
IVS	<ul style="list-style-type: none"> – Missing object detection – Foreign object detection – motion detection – Occlusion – Video Loss – Boundary – Redirection – Lose focus – Counting
Report	Resource report, Bit rate history report, Counting history report
UI Resolution	Supported desktop resolution of the user interface : Apply for all desktop resolution, supports from 1024x768 up to 1920x1080
Amount of Channel	NVR636 : Up to 36 channels NVR616 : Up to 16 channels NVR609 : Up to 9 channels NVR604 : Up to 4 channels
Live View	<ul style="list-style-type: none"> – Split screen for viewing multiple channels – Enlarge screen for viewing single channel
	Supported split screen NVR636 : 1x1, 2x2, 3x2, 3x3, 4x3, 5x3, 4x4, 5x4, 6x4, 5x5, 6x5, 7x5, 6x6, NVR616 : 1x1, 2x2, 3x2, 3x3, 4x3, 5x3, 4x4, 8CH, 13CH, NVR609 : 1x1, 2x2, 3x2, 3x3, NVR604 : 1x1, 2x2
	Channel information (show on video) : <ul style="list-style-type: none"> – Tag – Date and time – Video lose – Connect fail – No IP cam – IVS warning message



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	Channel status (show on video) : <ul style="list-style-type: none">– Recording status indicator– Motion detection status indicator– Digital Input status indicator
	Video size for viewing : <ul style="list-style-type: none">– Stretched– Stretched with original ratio– Original video size
	Digital zoom : <ul style="list-style-type: none">– Adjustable digital zoom ratio– Select area of video for viewing
	Arrange channel position : <ul style="list-style-type: none">– Use mouse drag & drop– User pre-defined layout
	Channel rotation : <ul style="list-style-type: none">– Manually– Automatic rotation with pre-defined interval time
	Live audio
	Audio broadcast from PC microphone to channels
	Audio chatting from PC microphone to selected channel
	PTZ control : <ul style="list-style-type: none">– Pan/ Tilt/ Zoom– Select Pan/ Tilt speed– Adjust focus/ iris– Go preset point– Patrol for preset points– Send “Custom PTZ Commands”
	Digital Output control : <ul style="list-style-type: none">– Manually ON/ OFF Digital Output
	Motion trigger reaction : <ul style="list-style-type: none">– Enlarge screen for viewing triggered channel– Audio warning (Play selected audio file from PC speaker, or Warning voice from PC buzzer)– Send E-mail



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	<p>Digital Input trigger reaction :</p> <ul style="list-style-type: none">– Enlarge screen for viewing any channel– Move any P/T channel to any preset point– Audio warning (Play selected audio file from PC speaker, or Warning voice from PC buzzer)– Send E-mail <p>Attached channel :</p> <ul style="list-style-type: none">– Split the video of single camera into multiple channels, to view different area in each channel (for hi-resolution video, such as Mega-Pixel) <p>Hide channel :</p> <ul style="list-style-type: none">– Hide channel for viewing on Live View, but this channel is still under recording schedule <p>Mask setting:</p> <ul style="list-style-type: none">– Set 3 areas to protect video. When recording, mask will be recorded.
E-Map View	<p>E-Map functions :</p> <ul style="list-style-type: none">– Multiple layers of map– Select map (area) from a tree-list– Freely arrange position of cameras– Double-click to view the Live-view video– Event trigger indicator– Auto play back event video once event is triggered– Event list for selected to play back event video
Recording	<p>Recording schedule :</p> <ul style="list-style-type: none">– Normal recording– Motion trigger recording– Digital Input trigger recording– Motion or Digital Input trigger recording– Specific time recording <p>Pre / Post alarm recording :</p> <ul style="list-style-type: none">– Recording video from the Pre time before event (Motion Detection or Digital Input) is triggered, until the Post time after the trigger <p>Multiple storages for recording :</p> <ul style="list-style-type: none">– Supports multiple storage including internal and external hard disk drives– Adjustable useable space for each storage, without occupy disk space previously– Once storage is full, record into next storage automatically– Adjustable write sequence for multiple storage– Selectable days to keep the recorded data– Overwrite the earliest data once all storage are full



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Playback	Recorded data selection : <ul style="list-style-type: none">– Selected by channel– Selected by time (Month/ Day/ Hour/ Minute)– Colorful box for identifying the data which was recorded by different recording schedule– Event List for easily find out the event recording for preview– User can define search area to search motion event at some period time. After searching, it will show thumbnail picture	
	Multiple channels playback : <ul style="list-style-type: none">– Play back video/audio synchronize or asynchronize	
	Supported split-window : 1CH, 4CH, 9CH, 16CH	
	Playback control : <ul style="list-style-type: none">– Selected playback speed– Fast forward, Rewind– Stop playback– Single frame playback	
	Channel information (show on video) : <ul style="list-style-type: none">– Tag– Date and time	
	Digital zoom : <ul style="list-style-type: none">– Adjustable digital zoom ratio– Select area of video for viewing	
	Arrange channel position : <ul style="list-style-type: none">– Use mouse drag & drop	
	Export recorded data : <ul style="list-style-type: none">– Export MPEG-4 video clip (AVI format)– Export snapshot (JPG format)– Print out– Selected time range– Selected including audio or not– Export multiple channels simultaneously	
	Channel Setup	Add/ manage cameras : <ul style="list-style-type: none">– Add/ modify IP address, HTTP port, username and password of camera– Select video streaming or video channel– Select as a normal channel or attached channel– Link to camera via IE directly



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	Add/ manage cameras : <ul style="list-style-type: none">– Add/ modify IP address, HTTP port, username and password of camera– Select video streaming or video channel– Select as a normal channel or attached channel– Link to camera via IE directly
	Video streaming configuration : <ul style="list-style-type: none">– Resolution– Quality– Video format (H.264/ MPEG-4/ MJPEG)– Frame rate– Enable/ disable audio– Show video continuously or by I-frame (single frame)
	Channel information configuration : <ul style="list-style-type: none">– Define channel tag for identify– Enable/ disable show Tag, Date/ Time– Change the position, font color and font size of channel information
	Configure recording schedule for each channel
	Configure Motion area for each channel : <ul style="list-style-type: none">– Define Motion Detection area– Adjust sensitivity of Motion Detection
	Configure PTZ function for each channel : <ul style="list-style-type: none">– Select PTZ protocol– Select P/T speed– Set preset point– User defined “Custom PTZ Commands”
	Configure Digital I/O function for each channel : <ul style="list-style-type: none">– Select type of Digital Output (N.C. / N.O.)– Select switch type of Digital Output (On/Off, Timer)
	Configure Motion trigger reaction : <ul style="list-style-type: none">– Enlarge screen for viewing triggered channel– Audio warning (Play selected audio file from PC speaker, or Warning voice from PC buzzer)– Send E-mail



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System Setup	Live-view layout configuration : <ul style="list-style-type: none">– Arrange the channel layout for each page of different split-window– Select initial split-window– Configure the interval time for auto channel rotation
	Multiple monitor configuration : <ul style="list-style-type: none">– Arrange monitors to show different screen– Select monitor to show Live-view screen– Select monitor to show 2nd Live-view screen– Select monitor to show Playback screen– Select monitor to show E-Map screen
	Scheduled auto reboot : <ul style="list-style-type: none">– Weekly schedule for reboot PC, to keep the Windows system stable– Auto run the software at Windows startup
	E-mail configuration : <ul style="list-style-type: none">– Add/ manage multiple E-mail receiver– Select whether send with attached image
	Auto logout : <ul style="list-style-type: none">– Auto logout the current user when idle for a period
	Keyboard lock (lock Windows system keys)
	System log files : <ul style="list-style-type: none">– System log file– Motion detection trigger log file– Digital Input trigger log file– User action log file
Security	User authority configuration : <ul style="list-style-type: none">– Add/ manage user group– Add/ manage user in the group– Select authority for each user group



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Remote Control	Web Server : <ul style="list-style-type: none">– Remote Live-view via IE browser– Provides downloading for Remote control software
	Remote control software : <ul style="list-style-type: none">– Remote Live-view all channels from server– Remote play back the recorded data from server– Configure the settings of server– Add/ manage multiple servers– Server list for selected to link
	Remote Lite software : <ul style="list-style-type: none">– Server selects the channels for viewing and generate an application, then send it to any client
	3GPP Server : <ul style="list-style-type: none">– Remote Live-view the selected channel via the built-in streaming player of 3G mobile phone
Configure Tool	Add/ manage multiple cameras : <ul style="list-style-type: none">– Camera list for easily manage multiple cameras– Built-in IP search for searching cameras in local LAN– Use mouse drag & drop to add camera– Configure camera's network, display mode and channel information– Select normal/ attached channel, video/ audio stream
	System configuration : <ul style="list-style-type: none">– Enable/ disable displaying video with original ratio– Enable/ disable hardware accelerator of display card
	Backup/ restore settings : <ul style="list-style-type: none">– Export to backup settings of software– Import to restore settings of software
Multiple Language	Multiple language of user interface