



MESSOA IP surveillance VMS (bundled version) is a user-friendly Windows-based NVR software free-bundled for MESSOA network cameras. It provides up to 32 channels video management and is able to process live view, recording, playback, event management and PTZ control. It acts as an excellent surveillance platform which handles all of video/audio streaming for collection, compression, transmission, storage, analysis, monitoring and management. With its web-based client interface, remote users can easily access their monitoring system anytime and anywhere. These advantages make it suitable for the monitoring of small to medium-scaled applications.

Features

- Manages up to 32 channels of megapixel IP Cameras
- User-friendly user interface on program and web client
- Easy to start live viewing and recording after program installation
- Support H.264, MJPEG and MPEG4 codec
- Support triple streams for each camera
- Provides duplicate live display with ePTZ to investigate a region of interest
- Supports 2-way audio and broadcast
- Playback recorded videos synchronously
- Playback search by Event, Data/Time, Thumbnail, Snapshot and Smart search
- Provides multiple polygon regions motion detection
- Effective event notification and actions
- Provides motion detection based Smart Search
- Support remote operations from IE browser
- Monitors CPU temperature, loading and system fan to provide higher system reliability
- Allows to enable both Digital PTZ and Duplicate functions together to display 64 displays to TV or large monitor
- Multiple actions can be triggered by one event

Specifications

General	
Max. Channel per Server	32ch
Remote Web Client	Support
Max. Number of Client per Server	4
Support Number of Stream per Camera	Triple
Support Multiple Codec	H.264, MJPEG, MPEG4
Supported Monitor Display Ratios	4:3, 5:4, 16:9, 16:10
Live View	
Video Channel Selection	Full-channel (according to channel order)
	By groups
	Drag-&-drop from camera tree diagram directly shown on main console
	User can select live view video display with preview or recording path on live view page
OSD	Show date/time with adjustable OSD font color & size
Video Display Pattern	1, 4, 8, 9, 10, 13, 16, 17, 24, 25, 33, 36, 49,64
Sequence Viewing	Channels displayed change according to camera group
	Continuous or scheduled channel sequencing Sequential time interval is configurable
PTZ / ePTZ	Real-time video support PTZ speed domes and ePTZ
Audio	Support two-way audio and audio broadcast
Channel Settings	
Camera Management	Installation wizard for starting to live view and record
Event Recording (Video Clip)	Pre-recording 1~10 seconds; Post-recording 1~3600 seconds
Motion Detection	Motion detection in irregular polygon-shaped areas
	Detection activation time scheduling Support for all cameras managed by NVR
DI/O Device Connection	Through DI/O port on IP cam
DI Settings	Support up to 7 customized configuration modes
Recording	
Safety Capacity	Configurable minimum reserving space of storage partition
Data Recycling	Automatically delete oldest data when running out of storage capacity
Recording Modes	Full-time recording, scheduled recording, event-based recording, scheduled event recording, manual recording
Playback	
Time Axis	Show recording data with time bar. Display up to 4 channels at a time
	Events can be highlighted with different colors Simultaneous playback for up to 16 channels
Channel Selection for Displaying	All / Group
	Drag-&-drop from camera tree diagram directly shown on main console
Screen Partitioning	1,4, 8, 9, 10, 13, 16
ePTZ	Support ePTZ and channel duplication
Play and Speed	Supported playing speeds: 1/32x, 1/16x, 1/8, 1/4x, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x
	Play forward, play backward, stepping forward, stepping backward
Search Modes	Date/time search, event search, bookmark search, search by snapshot, search by thumbnail, smart search
Search by Thumbnail	Displays a thumbnail of the video according to a certain time interval and provides the ability for real-time previewing

Smart Search	Smart search with motion detection for analyzing recording data
Data Saving and Backing Up	
Snapshot Capturing	Manually when live viewing & playing back with adjustable RGB, contrast, brightness, flipping, mirroring & cropping
	Auto snapshot when an event is occurred
Saving Videos	Quickly choose start/end time by event search, smart search, snapshot, thumbnail or choosing manually and save as standard .avi format with visible water mark
	Optional OSD display with date, time, and channel name Supported for multiple/all channel at a time
Batch Backups	Quickly choose start/end time by event search, smart search, snapshot, thumbnail or choosing manually
	Backup file sizes estimation before backup starts Use backup player to play backup files with channel auto reordering and remember last time's channel order & ROI status
Log Search	Selectable start/end date/time
	Selectable event type, status and related device Logs can be exported to Microsoft Office Excel
Events Management	
Event Triggering	Motion detection
	Digital inputs signals
	Loss of video signal
	Record storage management
Event Action	Triggering the digital output device
	PTZ to the default position
	Take snapshots
	Save video clips
	Sending an E-Mail (can attach a snapshot / video clip)
	Send SMS messages (with GSM modem)
	Upload snapshot/video clip files to an FTP site
	Playing of sound or trigger build-in buzzer at server
	Full screen channel/group video display
	Execution of exe. programs
Real-time video popup windows with count-down	
Event Records	Instant and current event display on main console
	Search according to date, time, channel & event type Export the data to Excel
Remote Client Interface	
Remote Web Client	Remote real-time viewing
	PTZ operations
	Event record lookups Play back by date/time or event
	Support Windows Internet Explorer 9 and 10 (32-bit)