

MESSOA VMS816

Intelligent IP camera surveillance software



MESSOA VMS816 demonstrates its commitment to the next generation of IP surveillance systems as well as the integration needs for enterprise customers. It offers a comprehensive surveillance system that supports multiple Megapixel cameras and simplifies the complexity of security systems operations..

HD NVR Software –MESSOA VMS816 is designed to handle large amounts of video streaming data from multiple HD cameras. It demonstrates its high performance architecture by running multiple megapixels cameras in triple video display functions: liveview, recording, and playback.

Highly Scalable Architecture in a Seamless Transition – The first 100% network based IP camera, also has NVR, Backup/Redundant Server to Integration Server and Gateway not bounded by LAN, WAN or even Firewall. Its flexibility of design gives the users freedom to start any sized project or to bridge existing legacy analog systems to high speed IP based systems without re-cabling or extra cost. Users can easily add any product product lines-systems based on their budget or requirements, incrementally without rebuilding the system.

Easy Operation for Peace of Mind – MESSOA understands easy operation is the key to shortening the security response time. MESSOA provides the intuitive functions and flow combined with the user-friendly browser interface, saving training cost each year. It is also equipped with many useful self-diagnostic tools, which run automatically and periodically, to maintain the surveillance system at its best operating condition.

Enterprise Class IP Surveillance Architecture – The leader in the areas of: system reliability, data redundancy and user accessibility. With its enhanced and robust systems architecture MESSOA VMS816 helps enterprise customers reduce the cost of the systems maintenance. It continues to extend and support its unique design which provides a better optimization of the network, HDD, CPU utilization and makes itself an ideal platform for deploying enterprise class IP surveillance systems.

Specification

Live View, Playback and Recording

- 16-channel megapixel video in live view & playback simultaneously
- 4+ channels sync playback
- Up to 64 PTZ preset points
- Support digital PTZ (e-PTZ)
- ROI (Region of Interest) is a user-selected area for digital zoom and digital PTZ operations to see more details
- Multi-speed modes (1/4, 1/2, 1, 2, 4, 8, 16, 32) in playing back and forth
- Customizable recording schedules to continuously record from 30 sec to 24x7 days
- Simultaneous live view, playback or recording for one installed camera
- Support different timeline modes for live view and playback for quick search
- Powerful search function for video within 3-month recorded data only takes less than 1-2 second
- The spooler (temporary storage) keeps video clips and snapshot for viewing and exporting

Transmission

- Triple streaming MJPEG, MPEG4 and H.264 compression for various terminal storage demands
- Video and audio transmission over network
- Simultaneous multiple transmission of data with minimal bandwidth use
- Resolution covers from QCIF to 8M
- Bit rate per second up to 600Mb/s

System Setting & Support

- Access privileges configuration by different users and groups. Unlimited users and groups support.
- Multi-languages support (English, Simplified /Traditional Chinese, Czech, Danish, French, German, Russian and Spanish)
- Auto-detect cameras for easy installation

Hardware Requirements:

	1 Channel	2 Channels	4 Channels	8 Channels	16 Channels
Processor	Intel Atom 330	Intel Core 2 Duo E7200	Intel Core 2 Duo E7500	Intel Core 2 Quad Q9400	Intel Core 2 Quad Q9400
Memory	DDR3-1066 2G	DDR3-1066 2G	DDR3-1066 4G	DDR3-1333 4G	DDR3-1333 4G
Hard Disk Drive*	2 (3.5" HDD)	2 (3.5" HDD)	2 (3.5" HDD)	2 (3.5" HDD)	2 (3.5" HDD)
NIC	Gigabit x 1	Gigabit x 1	Gigabit x 1	Gigabit x 1	Gigabit x 1

*NVR system requires at least 2 hard drives, one for the OS and the other for storage.

Alarm and Event management

- Intelligent guardian helps users to set alarm conditions, contents, notifications according to their needs
- Smart detection: the cameras will be triggered to support detection when the alarm occurred
- Instant alarm notification: live viewer pop up, custom-made dialog pop up, PTZ patrol, digital outputs and sending e-mails
- Play alarm recording instantly by simple click the alarm item
- Multiple alarm search by time frame, priority, check status and rule names

Remote Access

- Live view display and playback
- PTZ control
- Customized group tours display
- Alarm recording playback
- The spooler (temporary storage) keeps video clips and snapshot for viewing and exporting
- Export video to a client computer