

Acumen CMS Software

AiM HD 3.0 CMS Software

- 64-bit software and hardware platform for video management system
- Stability by better memory, network, and CPU management
- Third-party ONVIF support
- Supports ePOS/LPR system
- Supports 4K and 120FPS cameras
- Supports NAS recording with boot up management for auto recording
- Record and manage up to 216 channels of H.264/MJPEG IP cameras or DVR/NVR's cameras.
- Up to 216 channels IP cameras on six monitors for TV wall application
- Scheduling, continuous, and motion detection recording supported
- eMap live video with alarm snapshots
- RAID, network RAID, and video archiving
- Multiple channels playback for remote network CMS
- Integrated alarm management for various alarm outputs
- Web server for live video
- iPhone and Android phones support
- Device grouping and recall
- IP Speed Dome control
- Export recorded video to AVI file format
- Easy-to-use calendar and time selections for video playback
- User access levels configurable for groupings and features
- Complete operational event logs
- Two-way audio and audio recording
- Digital zoom, device ePTZ and ROI supported
- Dynamic video channels swapping with mouse drag-and-drop



AiM 3.0

AiM Software		
Recording	Recording	Schedule / Motion detection / Manual recording
	Live	Display up to 216 channels via six monitors
	Speed	Up to 1080P 30 FPS and ROI recording supported
	Resolution	Full HD: 1920 x 1080 / HD: 1280 x 768 / D1: 720 x 480 / VGA: 640 x 384 / CIF 320 x 240
	Schedule	7 days x 24 hrs time table, recording mode configurable
	Alarm recording	Face detection, audio detection, tampering, motion, DI alarm detection
	Audio recording	Yes
	Limited recording	Configurable for 1~180 days
	RAID recording	Samba RAID, eSATA RAID, and Network Neighborhood supported
	Playback	Playback
Speed		FR: 2X, 4X, 8X, 16X 32X / FF: 2X, 4X, 8X, 16X, 32X
Compression		H.264 / MJPEG
Multi-channel playback		Up to 216 channels
Remote CMX playback		Up to 216 channels
Remote DVR playback		Yes

AiM Software		
Video input	Video input	Managing up to 216 ACUMEN IP cameras / DVR / NVR connections
	Camera name	20 characters
	Channel editing	Mouse drag-n-drop
	Digital zoom	Yes, ePTZ and playback supported
	Grouping	User grouping authentication assignable for eMap, and AiM Software HD 2.6
Live display	Dual-screen	Up to 216-channel display
	Live display	Sequence
	Split screen	4, 9, 16, 36, 72, 108, 144, 216
	Dual stream technology	Multi-channel displays D1 and full screen displays 1080P resolution
Video archiving	TV wall	Dual monitors support up to 216 channels decoding
	Video archiving	Video archiving to RAID
	Archiving	Individual camera configurable, scheduling and instant archiving
Alarm	Alarm management	Alarm popup for full screen, PC sound, redirect IP camera DO, eMail snapshots, redirect a PTZ preset recall
	Event	Various alarm log, video loss, stop recording, schedule, logon, operation log
	Digital output	Controllable via IP cameras
	Alarm recording	Pre-alarm: 1~5 seconds and post-alarm: 5~50 seconds
Accessories	P/T/Z protocol	ACUMEN PTZ controllable via HTTP
	Audio	PCM/G.711, two-way audio, audio recording
	POS/barcode scanner	Yes
	Keyboard	keyboard controllable via RS-485 for PTZ, ePTZ, and ROI features
Digital map	eMap live monitoring	Max. 4 channels
	eMap snapshot	Snapshot by alarm / audio / face / motion detection
	PTZ control	Yes
DB manager	Database	Database configuration import, export, report, and maintenance
Backup	Backup	DVR/NVR remote backup, AVI conversion and JPEG snapshots
Management	Access log	Complete access log in database manager
	User management	User authentication: three level: admin, operator, and guest, features configurable
	Recording calculator	Yes, dynamically calculating available recording days
Network	Web interface	Live video web interface
	Mobile support	iPhone and Android
	Protocols	ARP / TCP/IP / HTTP / SMTP / DNS / PPPoE
	IPScan	Supported, easy-to-setup for IP address
Other	DST	Daylight saving time by Windows OS
	OS	64 bit Windows OS
	Language	English, Chinese, Spanish, French, Italian, Japanese, Russian, Portuguese, Simplified Chinese, Czech, Slovenia, and German
	CPU requirement	Minimum Intel Duo CPU 2.0 GHz or above
	RAM requirement	4GB memory or above