



Creativity Progress & Excellence

Network Product



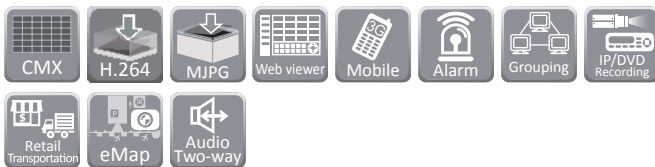


CMX HD3.6 version software



Features

- Record and manage up to 72 channels of H.264/MJPEG HD IP cameras or DVR/NVR's cameras.
- Up to 72 channels IP cameras on two monitors for TV wall application
- eMap live video with alarm snapshots
- Video archiving & NAS recording
- Multiple channels playback for remote network CMX
- Integrated alarm management for various alarm outputs
- Web server for live video
- iPhone and Android phones supported
- Retail and transportation business solutions
- Device grouping and recall
- 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



CMX 3.6 HD Software		
Recording	Recording	Schedule / Motion detection / Manual recording
	Live	Display up to 72 channels via two monitors
	Speed	Max. 2592x1944 at 12FPS, 2048x1536 at 15FPS, 1080P at 30FPS and ROI recording supported
	Resolution	5M: 2592x1944 / 3M: 2048x1536 / Full HD: 1920x1080 / HD: 1280x768 / D1: 720x480 / VGA: 640x384 / CIF: 320x240
	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 / JPEG
Multi-channel playback		Up to 36 channels
Remote CMX playback		Up to 36 channels
Video input	Remote DVR playback	Yes
	Video input	Managing up to 72 Merit LILIN IP cameras / DVR / NVR connections
	Camera name	20 characters
	Channel editing	Mouse drag-n-drop
	Digital zoom	Yes, ePTZ supported
	Grouping	User grouping authentication assignable for eMap, and CMX Software HD 3.6
Live display	Dual-screen	Up to 72-channel display
	Live display	Sequence
	Split screen	4, 9, 16, 36
	Dual stream technology	Multi-channel displays D1 and full screen displays 1080P/3M/5M resolution
Video archiving	TV wall	Dual monitors support up to 1080P/3M/5M 72 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	LILIN PTZ controllable via HTTP
	Audio	PCM, two-way audio, audio recording
	POS/barcode scanner	Yes
	Keyboard	PIH-931D keyboard controllable via RS-485 for PTZ, ePTZ, and ROI features
Digital map	Digital map	Digital map
	eMap live monitoring	One channel for IP camera/multi-channel for DVR/NVR
	eMap snapshot	Yes
DB manager	PTZ control	Yes
	Database	Database configuration import, export, report, and maintenance
Backup	CMX/ DVR/ NVR	DVR remote backup, AVI conversion and JPEG snapshots
	Remote backup	Multiple channels remote backup supported
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	Windows 8, Windows 7, Windows Vista, and Windows XP(64 bit recommended)
	Language	English, Chinese, Spanish, French, Italian, Japanese, Russian, Portuguese, Simplified Chinese, Czech, Slovene, and German
	CPU requirement	Minimum Intel Duo CPU 2.0 GHz or above
	RAM requirement	4GB memory or above



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Live	Playback

eMap Alarm & Video Management

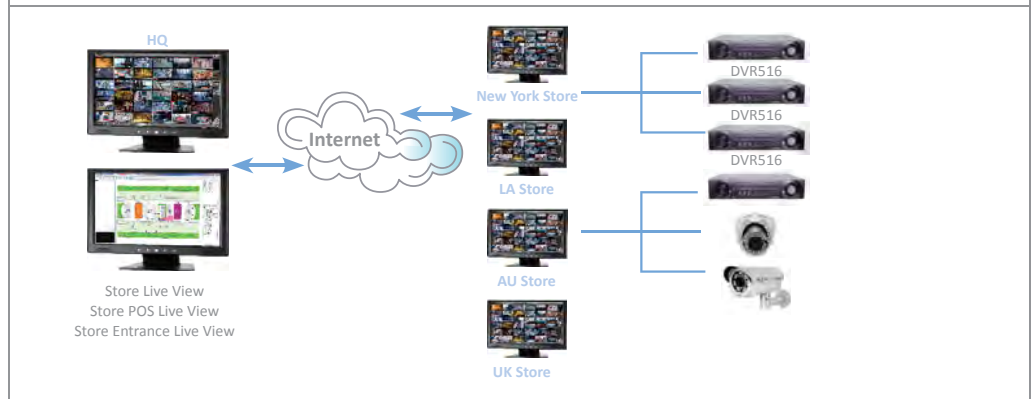
1. Alarm Snapshot
2. Alarm site blinking
3. Camera view representation
4. Multi-video
5. Alarm live video
6. Alarm live retrieve
7. Alarm map switching
8. Map representation

Retail and Distributor Solution

1. Live Transactions
2. Playback Invoice Display on Video
3. Invoice Smart Search
4. Alarm/record bar
5. Invoice Display
6. Invoice Playback

Open Platform With Hierarchical Group Management Architecture

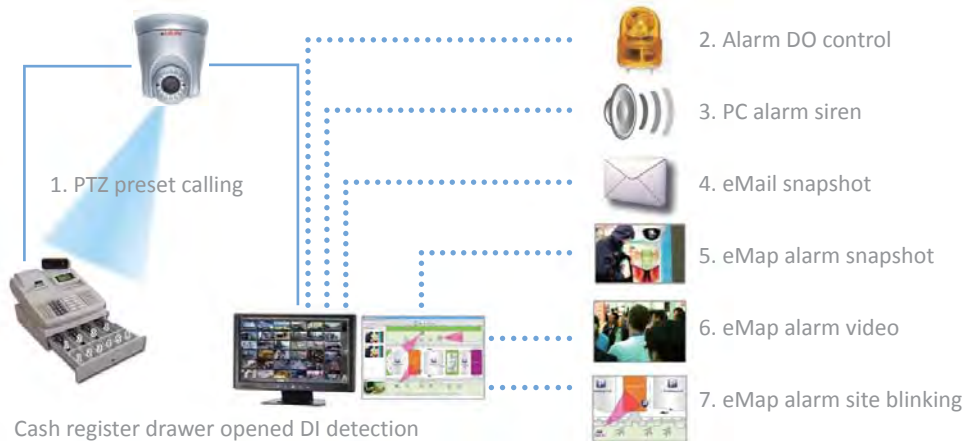
1. Mobile Phone
2. Web-based Live
3. Store IP/DVR recording
4. HQ monitoring
5. HQ Map monitoring





CMX HD3.6 Version Software

Alarm Input / Output Management Retail and Transportation Solution Example



CMX Software HD 3.6 Architecture

