



Creativity Progress & Excellence

Network Product





CMX 1108

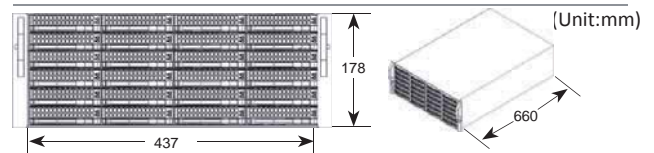
CMX 108CH Recorder



Features

- LILIN IP cameras, fast domes, and DVRs/NVRs are supported.
- Up to 108 channels 1080P/3M/5M network streaming, recording, and display
- 4U 19" chassis, built-in hardware RAID system, support up to 24 x 3.5" hot-swap HDDs.
- Failover, video achieve, and SmartSearch support.
- Dual streamings decoding mode supported
- 6 monitors support, up to 36 channels video display.
- Support multi-channels playback for remote or local.
- Built-in dual port Gigabit Ethernet.

Dimensions 178 x 437 x 660mm



CMX 108CH Recorder	
Model No	CMX1108
Network Video Support	LILIN IP camera, LILIN IP speed dome, LILIN DVR/NVR, CMX live server
Network Video Input	Up to 108 channels at 1080P/3M/5M
Network Video Format	H.264 / MJPEG
Max Network Throughput	Max. 500 Mbps download and 500 Mbps upload speed
RAID Support	Hot-swap 3.5" SATA HDDx24
Recording	
Schedule	7 days x 24 hrs time table, recording mode configurable
Recording Mode	Alarm, motion, schedule, and manual
Recording Speed	Max 5MP 12 FPS, 3MP 15 FPS, 2MP at 30 FPS, and ROI recording supported
Recording Resolution	2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240
Alarm Recording	Face detection, audio detection, tamper, motion, DI alarm detection, and ANPR (optional)
Audio Recording	Yes
Circular Recording	Yes / size customizable
Limited Recording	Yes / days customizable
Video Archiving	Yes
Low Bitrate Recording	Yes
Remote Network RAID	Yes
Playback	
Search	Date, time, event, POS SmartSearch, motion SmartSearch, plate search (optional)
Resolution	2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240
Video Speed	Max. 2592x1944 at 12FPS, 2048x1536 at 15FPS, 1080P at 30FPS
Playback Speed	FR: 2X, 4X, 8X, 16X 32X / FF: 2X, 4X, 8X, 16X, 32X
Multi-Playback	FR: 2X, 4X, 8X, 16X 32X / FF: 2X, 4X, 8X, 16X, 32X
Remote CMX Live Video	Yes
Remote DVR / NVR Video	Yes
Video Input	
Support Quantity	Max. 108 channels
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
Remote Monitoring	Yes
Video Output	
HDMI Output	x 1 / x 2 (Optional)
DVI Output	x 2 / x 4 (Optional)
TV Wall	3 monitors / 6 monitors(Optional), max. 108 channels
Split Screen	4, 9, 16, 36
Dual Stream Technology	Multi-channel displays D1 and full screen displays 1080P/3M/5M resolution
Multi-Screen	3 screens / 6 screens (Optional)

CMX 108CH Recorder	
Video Archiving	Individual camera configurable, scheduling and instant archiving
Alarm / Event	
Alarm management	Alarm popup for full screen, PC sound, redirect IP Camera's digital output, eMail snapshots, redirect a PTZ preset recall
Alarm Recording	Pre-alarm: 1 – 5 seconds and post-alarm: 5 – 50 seconds
Event	Various alarm log including video loss, stop recording, schedule, logon, operation log
Digital Output	Controllable via IP cameras
Accessories	
Keyboard	PIH-931D keyboard controllable via RS-485 for PTZ, ePTZ, and ROI features
Audio	PCM, two-way audio, audio recording
POS/barcode scanner	RS-232 / PS/2
Protocols	ARP / TCP/IP / HTTP / SMTP / DNS / PPPoE
Mobile Support	iPhone and Android
IPScan	Supported, easy-to-setup for IP address
Hardware	
CPU	Intel® Xeon® processor E5-2620
RAM	4GB DDR3-1333 x2, extendable up to 128GB
Chipset	Intel® PCH C602
Display Card	nVidia GT650 or Higher x 1 / nVidia GT650 or Higher x 2 (Optional)
USB Port	USB 2.0x6
Slim DVD-ROM	x1
System Fan	80mm hot-swap PWM fans x 3 80mm rear exhaust fans x 2
RAID Control	LSISAS2108 RAID / On Chip
RAID Mode	RAID 0, 1, 5, 6, 10, 50, and 60
OS HDD	120GB SATA3 SSD x1
Other	
Watch Dog	CMX failover / CMX monitoring station
DST	Daylight saving time by Windows OS
Language	English, Chinese, Spanish, French, Italian, Japanese, Russian, Portuguese, Simplified Chinese, Czech, Slovene, German
OS	Windows 7 Professional
Power and Environment	
Power Supply	920W high-efficiency (94%+) AC Input 100-240 V, 50-60 Hz, 11-4.5 Amp
Redundant Power Supply	Redundant power supplies with PMBus
Operating Environment	Operating temperature range 5°C – 35°C (41°F - 95°F), Non-operating temperature range -40°C – 70°C (-40°F – 158°F) Operating relative humidity range 8% – 90% , (non-condensing), Non-operating relative humidity range 5% – 95% (non-condensing)
Dimension (HxWxD)	178 x 437 x 660mm
Color	Black
Weight	79.3 lbs (36kg)