



**Creativity Progress & Excellence**

Network Product



# NVR109

1080P real-time multi-touch  
9 channel standalone NVR

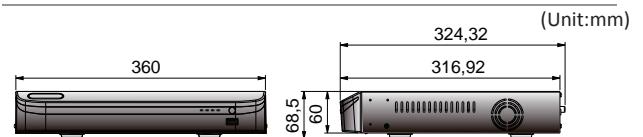


## Features

- Multi-touch screen supported
- 1080P 9 channel real-time NVR up to 36 Mbps throughput
- Full HD 1920x1080 HDMI output
- Support 4 SATA HDDs, 1 eSATA
- 3G mobile phone (iPhone, iPad, Android, and Blackberry) solutions provided.
- External USB DVD/RW.
- CMX software HD 3.6 supported.



## Dimensions 360 x 316 x 60 mm



NVR		
H.264 1080P real-time multi-touch standalone NVR		
Model	<b>NVR109</b>	
	Internal SATA HDD	
IP video supports	Network camera, network speed dome, and video server	
IP video input	Up to 9-channels 1080P	
Max network throughput	36 Mbps	
HDD disk supported	SATA port x4	
External RAID supported	e-SATA port x1	
Recording	Recording mode	External alarm / motion detection / schedule / manual
	Resolution	1080P/ 720P/ D1/ VGA
	Recording video	1080P/ 720P/ D1/ VGA
	Schedule	7 day x 24 hrs time table, recording mode configurable
Backup	Backup	USB 2.0 flash disk / HTTP file download / audio supported
	DVD/RW	Support external USB DVD/RW
Playback	Resolution	1080P/ 720P/ D1/ VGA
	Playback video	1080P/ 720P/ D1/ VGA
	Speed	FR: 2X, 4X, 8X, 16X, 32X, 64X FF: 2X, 4X, 8X, 16X, 32X, 64X
Video output	HDMI output	1920 x 1080P
	Backlight saving	LCD backlight saving mode
	Multi-touch	Support USB multi-touch screen
Multiplexer	Multiplexer	Freeze
	Split screen	4, 8, 9
	Digital zoom	Up to 64X on live and playback
Management	Reports	Full alarm, configuration, and operation reports exporting over HTTP or USB
	Authentication	User authentication with feature configurable
	Recording day	Recording day calculator
Alarm/event	Alarm/event	D1 x 2 and DOx 2 (NO/NC)
	Motion	Motion grid 20x12 each channel, 8 sensitivities
	Event	External alarm, video loss, stop recording, power recovering, motion detection, schedule, logon, HDD format
	Email	Alarm notification with JPEG attachments

NVR		
Accessories	Accessories	Remote controller addressable up to 255 NVRs
	P/T/Z protocol	LILIN MLP1/ 2 and pelco D/ P
	Keyboards	PIH-931D keyboard
	IR receiver	None
	RS-485/RS-232	RS-485 keyboard connector input x 1, 12V output
	Mouse	USB, mouse-click, mouse scroll, mouse drag
	Audio out	RCA, 1 output
Network Ports	Remote control	Yes
	Network ports	Gigabit LAN, RJ45 x1
	Network	Direct Internet browser access / multiple users access
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS
	Web	Live / event log & time search playback / AVI
	NVR status	HTML NVR status
	IPScan	IP Scan supported, automatically quick IP address setup for IP cameras and NVRs
Software	Backup manager	Multiple NVRs FTP file download and multi-channel playback
	Mobile phone	iPhone, iPad, Android and Blackberry mobile phone supported
Others	WDT	Hardware watchdog timer
	DST	Daylight saving time
	Multilanguage	English, Chinese, Spanish, German, French, Portuguese, Italian, Turkish
Power	CPU/OS	ARM Cortex A9 Processor @ 600 MHz, Linux 2.6 kernel
	Power	DC 12V/ 6.67A / 80W
	Working env.	Temp: 0°C ~ +45°C / Humidity: 0%~80%
	Dimension	360 x 316 x 60 mm
	Weight	3.0 Kg (w/o HDD)