



Standalone Wall-mount DVRs

Experience endless durability. Neugent's SX-3000 Standalone DVRs offer embedded Linux and DVR-on-chip technology; with a unique space-saving wall-mount design, the SX-3000 Standalone DVRs are best for many retail and commercial establishments, franchise areas, convenience stores and small finance institutions.

HARDWARE
MPEG4

PAL/NTSC



SENSOR

RELAY

AUDIO

REMOTE
CONNECTION



Embedded Linux

Built on embedded Linux kernel 2.6.4 platform, the SX-3000 Standalone DVRs offer users optimized, efficient and very durable video surveillance solutions. Each standalone unit boasts a powerful Samsung ARM9 processor, MPEG4 encoder ASIC and FPGA MPEG4 decoder.

Smart A+ Hardware MPEG4 Compression

Capable of recording at 25 or 30 fps per camera, the SX-3000 DVRs deliver superior image quality in smaller file sizes yet high resolutions. Unlike MJPEG and wavelet compression techniques which tend to limit video resolution & frame rate, MPEG-4 capture speed reaches 30 fps. That's true real-time recording! With Smart A+ hardware MPEG4 compression technology, you can save up to USD7,000* over a 30-day period when you factor in the additional space you would have to purchase for storing image that use other compression techniques.

*Estimate based on a 16 ch DVR recording continuously at full speed @CIF.

Complete Integration

Connect microphones, smoke detectors, contact sensors, warning lights and other relay and sensor devices to any SX-3000 DVR. Using intelligent mapping options, you can greatly improve security management and emergency procedure implementation.

User-friendly Interface and Easy Operation

Switch from live monitoring to setup to search & playback via seamless remote control operation. Major functions are all accessible in a single press of a button. No training nor programming skill is needed.



Wall-mount Design

Enjoy worry-free installation with the SX-3000 DVR's sleek wall-mount design. The SX-3000 Standalone DVRs provide many retail and commercial establishments with an all-in-one security box, which can be easily mounted on the wall, saving you precious stand spaces. SX-3000 Standalone DVRs also come in models with built-in LCD panels.

Fully Networkable

Now you can watch your home or your business from anywhere in the world. Install our freely bundled Windows-based Remote Client application; SX-3000 DVRs support static IP, dynamic IP, and dynamic domain name system (DDNS). Or you can simply connect via web browser for instant surveillance.

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TECHNOLOGIES



4 ch Standalone Wall-mount DVRs

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			SX-3004 4 channel	SX-3004L 4 channel with LCD
Storage Capacity	Internal	HDD	up to 2 HDDs	up to 2 HDDs
		CD-RW	optional	optional
Video	Inputs	Composite	4 ch BNC	4 ch BNC
	Outputs	TV Out	2 ch TV Out	2 ch TV Out
	Compression		Hardware MPEG4	Hardware MPEG4
	Compression Rate	Default	2-9 Kb per frame (CIF @ 360x240)	2-9 Kb per frame (CIF @ 360x240)
	Display Speed		120/100fps	120/100fps
Search			Event Search and Smart Search	Event Search and Smart Search
Recording	Recording Mode		Continuous, Scheduled, Motion-Detected, Event-Triggered	Continuous, Scheduled, Motion-Detected, Event-Triggered
	Recording Speed	NTSC	360x240 120fps	360x240 120fps
			720x240 120fps	720x240 120fps
			720x480 60fps	720x480 60fps
	Recording Resolution	PAL	360x288 100fps	360x288 100fps
			720x288 100fps	720x288 100fps
		NTSC	720x576 50fps	720x576 50fps
PAL			720x480, 720x240, 360x240	720x480, 720x240, 360x240
Live View	Output Modes		1, 2, 4	1, 2, 4
Playback	Playback Speed		120/100fps	120/100fps
Network			Ethernet (TCP/IP) 10/100 Base T	Ethernet (TCP/IP) 10/100 Base T
Backup			via USB or CD-RW	via USB or CD-RW
PTZ Control			RS-232	RS-232
Audio	Inputs		4 ch RCA	4 ch RCA
	Outputs		1 ch RCA	1 ch RCA
	Compression		Hardware G.723	Hardware G.723
Sensor Inputs			2 ch	2 ch
Relay Outputs			1 ch	1 ch
Watermark			Yes	Yes
Watchdog			Yes	Yes
LCD			No	Yes

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8 ch Standalone Wall-mount DVRs

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			SX-3008 8 channel	SX-3008L 8 channel with LCD
Storage Capacity	Internal	HDD	up to 2 HDDs optional	up to 2 HDDs optional
		CD-RW		
Video	Inputs	Composite	8 ch BNC	8 ch BNC
	Outputs	TV Out	2 ch TV Out	2 ch TV Out
	Compression		Hardware MPEG4	Hardware MPEG4
	Compression Rate	Default	2-9 Kb per frame (CIF @ 360x240)	2-9 Kb per frame (CIF @ 360x240)
	Display Speed		240/200fps	240/200fps
Search			Event Search and Smart Search	Event Search and Smart Search
Recording	Recording Mode		Continuous, Scheduled, Motion-Detected, Event-Triggered	Continuous, Scheduled, Motion-Detected, Event-Triggered
	Recording Speed	NTSC	360x240 240fps	360x240 240fps
			720x240 240fps	720x240 240fps
			720x480 120fps	720x480 120fps
	Recording Resolution	PAL	360x288 200fps	360x288 200fps
			720x288 200fps	720x288 200fps
720x576 100fps			720x576 100fps	
Recording Resolution		NTSC	720x480, 720x240, 360x240	720x480, 720x240, 360x240
Recording Resolution		PAL	720x576, 720x288, 360x288	720x576, 720x288, 360x288
Live View	Output Modes		1, 2, 4, 9	1, 2, 4, 9
Playback	Playback Speed		120/100fps	120/100fps
Network			Ethernet (TCP/IP) 10/100 Base T	Ethernet (TCP/IP) 10/100 Base T
Backup			via USB or CD-RW	via USB or CD-RW
PTZ Control			RS-232	RS-232
Audio	Inputs		8 ch RCA	8 ch RCA
	Outputs		1 ch RCA	1 ch RCA
	Compression		Hardware G.723	Hardware G.723
Sensor Inputs			4 ch	4 ch
Relay Outputs			2 ch	2 ch
Watermark			Yes	Yes
Watchdog			Yes	Yes
LCD			No	Yes

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16 ch Standalone Wall-mount DVRs

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			SX-3016 16 channel	SX-3016L 16 channel with LCD
Storage Capacity	Internal	HDD	up to 2 HDDs	up to 2 HDDs
		CD-RW	optional	optional
Video	Inputs	Composite	16 ch BNC	16 ch BNC
	Outputs	TV Out	2 ch TV Out	2 ch TV Out
	Compression		Hardware MPEG4	Hardware MPEG4
	Compression Rate	Default	2-9 Kb per frame (CIF @ 360x240)	2-9 Kb per frame (CIF @ 360x240)
	Display Speed		480/400fps	480/400fps
Search			Event Search and Smart Search	Event Search and Smart Search
Recording	Recording Mode		Continuous, Scheduled, Motion-Detected, Event-Triggered	Continuous, Scheduled, Motion-Detected, Event-Triggered
	Recording Speed	NTSC	360x240 480fps	360x240 480fps
			720x240 480fps	720x240 480fps
			720x480 240fps	720x480 240fps
	Recording Resolution	PAL	360x288 400fps	360x288 400fps
			720x288 400fps	720x288 400fps
720x576 200fps			720x576 200fps	
Recording Resolution		NTSC	720x480, 720x240, 360x240	720x480, 720x240, 360x240
Recording Resolution		PAL	720x576, 720x288, 360x288	720x576, 720x288, 360x288
Live View	Output Modes		1, 2, 4, 9, 16	1, 2, 4, 9, 16
Playback	Playback Speed		240/200fps	240/200fps
Network			Ethernet (TCP/IP) 10/100 Base T	Ethernet (TCP/IP) 10/100 Base T
Backup			via USB or CD-RW	via USB or CD-RW
PTZ Control			RS-232	RS-232
Audio	Inputs		16 ch RCA	16 ch RCA
	Outputs		1 ch RCA	1 ch RCA
	Compression		Hardware G.723	Hardware G.723
Sensor Inputs			8 ch	8 ch
Relay Outputs			4 ch	4 ch
Watermark			Yes	Yes
Watchdog			Yes	Yes
LCD			No	Yes

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