

IP Surveillance Solution



Product Description

The SEEnergy SVR-800 series is designed for use within a full HD surveillance system, and performs recordings and playbacks pictures from network cameras in the system. It is an 8 or 16 channel network video recorder (NVR) with dual monitor support. Simply connect an USB keyboard and mouse and up to 16 full HD cameras can be connected via a network for recording and event management with easy and intuitive local user interface. It is also possible to perform the settings or operate the NVR using a web browser installed on a PC connected to the same network. Live and playback videos can also be viewed on major mobile devices through its web browser or platform specific app. Recorded videos from multiple NVRs can be played back from a remote PC running SEEnergy 256CH CMS software that comes free with the purchase of the NVR. SVR-800 series is compatible with most major brand cameras and its ability to automatically search and find the available cameras on the network makes configuring the system easier than ever.



Available models:

- SVR-808/816 (2bay)
- SVR-816+ (2bay, RAID 0/1)
- SVR-816U (4bay, e-SATA, RAID 0/1/5/10)



- Dual monitor support (VGA/HDMI)
- Support DHCP server/client
- Full HD local display and playback
- Support USB keyboard, mouse, and joystick
- Support 4TB HDD
- Support SEEnergy 256CH CMS Software
- Support SDK for 3rd party integration
- Support SEEnergy Backup server for remote backup
- Support 8DI/4DO, e-SATA (SVR-816U)
- Manage up to 16 full HD Network Cameras
- Support RAID 0/1/5/10
- Recording performance: 80Mbps, 480fps@1920 x 1080 (Record only)
- Export Playback Videos to AVI
- Two-way Audio
- SEEnergy Smart Camera Search
- Support multi-stream with Dynamic display
- Support USB UPS

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Hardware Specification

Interface	USB2.0 x 2
	RJ-45 (Gigabit)
	VGA/HDMI video interfaces (Supported resolutions: 1024x768, 1280x720, 1280x1024, 1920x1080)
	IR receiver
	MIC-in, line-in and line-out audio interfaces
HDD	3.5" SATA x 2
LED	Power, Alarm, Status, HDD
Button	Power, Buzzer stop, Reset
Power	19VDC, 90W

Software Specification

Model	SVR-808	SVR-816	
Camera	Add camera	Manual/SEEnergy Smart Camera Search/Auto setup	
	Max. channels	8	16
	Supported brands	Major brands & Onvif (v1.0.2)	
Video	Compression	MJPEG/MPEG-4 Part 2/H.264 baseline, main, high profile	
	Resolution	5Mp,3Mp,1080P,720P,FD1,CIF,QCIF	
	Max. live video frame rate (Local UI)	240fps@720p30, 120fps@1080p30, 80fps@3MP Max. 5MP, Support 1080p60	480fps@D1 30, 360fps@720p30, 150fps@1080p30 Max. 5MP Support 1080p60
	Recording+above Local display frame rate)	240fps @ 1080p, 4Mbps/CH, total 8CH 120fps @ 3MP, 6Mbps/CH, total 8CH	480fps@1080p, 4Mbps/CH, total 16CH
	Dynamic display (**)	** (For compatible multi-stream cameras only. NVR automatically chooses the optimal resolution available based on the chosen view mode)	
Audio	Two-way	G.711, G.726 (Camera dependent)	
Live view	Display mode	Live View/Playback/Full Screen/Sequence view/Saved views	
	Split screen	1/4/9/16	
	Full screen	1/4/9/16	
	Sequence mode	Sequence All/Manually Selected cameras in 1/4 split view with configurable timer	
	Snapshot	Video snapshot in JPEG format	
	PTZ support	Digital PTZ/Auto Pan/Preset Point/Preset point Sequence view	
Playback	Split screen	1/4	
	Playback methods	Play/Pause/Stop/Forward/Reverse/Speed Adjust/Frame by Frame Search by time or event only	
	Bookmark	Intuitive timeline interface with bookmark function for easy file export	
Dual monitor	Main UI + Full screen live view/sequence view		
Network	Protocols	HTTP/TCP/SMTP/DHCP/ARP/NTP/DNS/UPnP/FTP/RTSP	
	Streaming protocols	Depend on the supported cameras	
User Management	Management	User/Group	
	Number of groups	7 (Administrator/Guest/User Define * 5)	
	Privileges	Live View/Playback/System Configurations/Camera Configurations/Recording Configuration/ Event Configuration/Maintenance	
Triggers and Event	Event type	System Events -- System Start/Shutdown, System Settings modified, Camera Settings Modified, Start Recycle, Disk Full Camera Events -- Motion/Sensor Detection	
	Event actions	Display red window on video of event channel Buzzer alarm Disable/enable event action Duration of event action Recording Mail/FTP notification E-Map notification	
User interface	Graphic local user interface	Operated by mouse, keyboard, IR remote controller or SEEnergy USB joystick (PTZ)	
	Web interface	Access and control from browser (Internet explorer 7 or above)	
Log type	Alert/Event/User Access		
Software utility	Search utility/media player for recording export		
Support SEEnergy software	CMS/Mobile apps	Free 256CH CMS software (Pi-Vu Central Basic) NVR mobile viewer (iPhone/Android)	
Language	English/ Trad. Chinese/ Simp. Chinese/ Japanese/Spanish/Italian/ German/ Czech/Polish/Portuguese		

