



SVR-2100 Standalone Network Video Recorder Reliable Network Video Recorder for Full HD Applications

Product Description

The SEEnergy SVR-2100 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 a 4/8/16 channel network video recorder (NVR) with local display output. 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-2100 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.



- Local display output: MJPEG, H.264
480fps@D1 30,270fps@720p30,
120fps@1080p30
Support 5Mp
- 16CH live view & 4CH playback
- VGA/HDMI monitor support
- Support DHCP server/client
- Support USB keyboard, mouse, & joystick
- Support 4TB HDD
- Manage up to 16 full HD Network Cameras
- Export Playback Videos to AVI
- Two-way Audio, G.711, G.726
- SEEnergy Smart Camera Search
- Support multi-stream with Dynamic display
Support SEEnergy 256CH CMS Software, SDK & Backup server

IP Surveillance Solution

Hardware Specification

Interface	USB2.0 x 1, USD3.0 x1, RS485
	RJ-45 (Gigabit)
	HDMI /VGA video interfaces
	line-in and line-out audio interfaces, HDMI interface
CPU	ARM
HDD	3.5" SATA x 2(Max. 4TB/HDD)
LED	Power, Alarm, Status, Network
Button	Manual Record, Reset, Buzzer stop
Power	12VDC, 3.3A
Dimension/Weight	(D) 255 x (W) 325 x (H) 6mm/2.27Kg

Software Specification

Model		SVR-2116	SVR-2108	SVR-2104
Camera	Add camera	Manual/SEEnergy Smart Camera Search/Auto setup/Camera Setup Wizard		
	Max. channels	16	8	4
	Supported brands	Major brands & Onvif ProfileS		
Video	Compression	MJPEG/ H.264		
	Resolution	5Mp,3Mp,1080P,720P,FD1,CIF,QCIF		
	Max. live video frame rate (Local UI)	480fps@D1 30 270fps@720p30, 120fps@1080p30 Max. 5MP	270fps@720p30, 120fps@1080p30 Max. 5MP	120fps@1080p30 Max. 5MP
	Recording+above Local display frame rate)	480fps@1080p, 3Mbps/CH, total 16CH	240fps@1080p, 3Mbps/CH, total 8CH	120fps@1080p, 3Mbps/CH, total 4CH
	Dynamic display	** Depends on multi-stream function of supported network camera		
Audio	Two-way	G.711, G.726, ADPCM (Camera dependent)		
Live view	Display mode	Live View/Playback/Full Screen/Sequence view/Saved views		
	Split screen	1/4/9/16	1/4/9	1/4
	Full screen	1/4/9/16	1/4/9	1/4
	Sequence mode	Sequence All/Manually Selected cameras in 1/4 split view with configurable timer		
	Snapshot	Video snapshot in JPEG format		
Playback	PTZ support	Digital PTZ/Auto Pan/Preset Point/Preset point Sequence view		
	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			
Single monitor		Live view/Even monitor(E-MAP)/Playback/Settings		
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 or SEEnergy USB joystick (PTZ)		
	Web interface	Access and control from browser (Internet explorer 8 or above, Chrome, Safari)		
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 (IOS/Android)		
Language		English/ Trad. Chinese/ Simp. Chinese/ Japanese/Spanish/Italian/ German/ Czech/Polish/Portuguese		
Package		SVR, CD, QIG, Power Adapter		

