



16 Channel Network Video Recorder



NVR-0316

H/W Version: 1

The NVR-0316 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 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 bthe 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 256CH CMS software that comes free with the purchase of the NVR-0316 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.

Key Features

- Local display output: MJPEG, MPEG4, H.264
480fps@D1 30,360fps@720p30, 150fps@1080p30
Support 5Mp & 1080p60
- 16CH Full HD live view & 4CH playback
- Dual monitor support (VGA/HDMI)
- Support DHCP server/client
- Full HD local display and playback
- Support USB keyboard, mouse, & joystick
- Manage up to 16 full HD Network Cameras
- Recording performance: 80Mbps, 480fps@1920 x 1080 (Record only)
- Export Playback Videos to AVI
- Two-way Audio, G.711, G.726
- Support USB UPS

Technical Specification

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		NVR-0316
Camera	Max. channels	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)	480fps@D1 30, 360fps@720p30, 150fps@1080p30 Max. 5MP Support 1080p60
	Recording+above Local display frame rate)	480fps@1080p, 3Mbps/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
	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 NVR mobile viewer (iPhone/Android)
Language		English/ Trad. Chinese/ Simp. Chinese/ Japanese/Spanish/Italian/ German/ Czech/Polish/Portuguese

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