

NVR 8016U-AF

16 Channel Network Video Recorder



FEATURES:

RLN-8016-MF Rack-mount network video recorder (NVR) supports 16-channel network cameras with MPEG4 and H.264 recording with 8 high-speed 3.5-inch SATA II hard disks for flexible long-term recording. The hard disks are hot swappable so you don't need to turn off the system to add or replace the hard disks. The maximum allowed capacity of each hard disk is 3 TB.

This NVR includes several management options with enterprise-class video viewing and automated monitoring software. The multi-server monitoring feature of this NVR allows you to simultaneously monitor up to 16 IP cameras from multiple NVR servers.

RedLeaf's NVRs can record video from IP cameras located in local or remote sites into a dedicated HDD storage without turning on a computer. The NVRs support real-time monitoring and playback anytime, anywhere, via a web browser. High-resolution local display can be achieved by using the HDMI port to connect the NVR to an HDMI monitor or TV for monitoring content in Full HD (1920 x 1080) resolution.

The Central Processing Unit (CPU) of this NVR is an Intel Dual Core for high performance video processing and multitasking. This NVR delivers a throughput of 64 Mb/s, allowing for seamless multi-user and multichannel video playback.

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System		Network	
CPU	Intel® Dual Core™	Protocol	TCP/IP, UDP, RTP/RTCP/RTSP, FTP, Telnet, SNTP, HTTP, DHCP, DDNS
Operating System	Embedded LINUX	Ethernet Port	1* RJ-45 port (10/100/1000M)
Motherboard	Embedded Board	Number of Clients	20 Users
Memory	4GB DDR3	Motion Detection & Alarm	
Case	Hot-dipped galvanized sheet, Stainless steel, High-precise aluminum	Motion Detection	Zones: 396 (22×18), Sensitivity: 1~6 (level 6 is highest)
Fan	Dual ball screw bearing fan, MTBF>100,000h	Alarm Input	From 16ch, Green terminal interface
Interface	Local GUI / Web GUI	Relay Output	To 4ch, Relay contact, NO/NC programmable, green terminal
Video & Audio		Interface	
Number of Input Channels	16 Ch.	USB	3 USB2.0 ports (1 on the front-panel, 2 on the rear panel)
Playback	Mega Pixel/ Full-HD / HD	eSATA	1 eSATA (for Video Backup)
Audio	Mic in, Audio out	General	
Recording		Power Requirements	100V-240VAC
Recording Mode	Manual, Schedule(Continuous, Video detection (Motion detection, Camera blank), Alarm)	Power Consumption	< 120W (HDD Included)
Recording Resolution	3M, 1080P, 720P, 960H	Operating Temperature	-10°C~55°C
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm	Working Humidity	10%~90% (non-condensation)
Backup Mode	Network download / USB HDD / USB CD&DVD-RW / eSATA Device	Dimensions (W×D×H)	450×440×90mm
Video Bit Rate	64Kbps~8Mbps	Weight	9 Kg
Audio Bit Rate	32Kbps~64Kbps	Installation	Rack mount (2 Unit)
Display			
Video Output	1X HDMI / 1 VGA		
Multi-Screen Display	1st screen: 1/4/6/8/9/16		
Privacy masking	4 customized zones with privacy masking for each area		
Hard Disk			
Hard Disk	8X SATAII		
HDD Installation	Internal HDD (Each Port Max 3TB)		

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