

NVR RLN-2016

16 Channel Network Video Recorder



FEATURES:

RLN-2016 Vertical Desktop network video recorder (NVR) supports 4,8,16-channel network cameras with MPEG4 and H.264 recording with 2 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 4,8,16 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	1x RJ-45 port (10/100/1000M)/ 4xRJ-45 ports (10/100)PoE(IEEE802.3af)
Motherboard	Embedded Board	Number of Clients	20 users
Memory	1GB DDR2	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	Ball screw bearing fan, MTBF>100,000h	Alarm Input	From 4ch, Green terminal interface
Interface	Local GUI / Web GUI	Relay Output	To 2ch, Relay contact(1A@24VDC),NO/NC programmable, green terminal
Video & Audio		Interface	
Number of Input Channels	4Ch@FullHD / 8Ch@HD/ 16Ch@D1	Front cover	Hot swap support
Playback	Full-HD / HD / D1	USB	3 USB2.0 ports (2 on the front-panel, 1 on the rear panel)
Recording		eSATA	1 eSATA (for Video Backup)
Recording Mode	Manual, Schedule(Continuous, Video detection (Motion detection, Camera blank), Alarm)	General	
Recording Resolution	1080P, 720P, D1	Power Requirements	DC12V-2A / PoE Switch: DC48V
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm	Power Consumption	< 30W (HDD Included)
Backup Mode	Network download / USB HDD / USB CD&DVD-RW / eSATA Device	Operating Temperature	-10°C~55°C
Video Bit Rate	64Kbps~8Mbps	Working Humidity	10%~80% (non-condensation)
Audio Bit Rate	32Kbps~64Kbps	Dimensions (W×D×H)	100x220x146mm
Display		Weight	1.6 Kg
Video Output	1 HDMI / 1 VGA	Installation	Vertical Desktop
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	2X SATAII		
HDD Installation	Hot swap support		

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