

NVR 1632U-MF

32 Channel Network Video Recorder



FEATURES:

RLN-1632U-MF rack-mount network video recorder (NVR) supports 32-channel network cameras with MPEG4 and H.264 recording with 16 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 4 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 32 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.

Another feature is the intelligent video analytics feature, which provides you with security features such as motion detection, foreign object, missing object, out of focus, and camera occlusion. Additionally, it also offers schedule recording, alarm recording, alarm recording schedule, motion detection recording, and pre/post-alarm recording. Moreover, this NVR ensures data security with RAID (RAID 0, 1, 5) for maximum data reliability in case that any type of hard disk failure occurs.

The Central Processing Unit (CPU) of this NVR is an Intel Core i7 for high performance video processing and multitasking. This NVR delivers a throughput of 256 Mb/s, allowing for seamless multi-user and multichannel video playback.

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System		Network	
CPU	Intel® Core™ i7	Protocol	TCP/IP, UDP, RTP/RTCP/RTSP, FTP, Telnet, SNTP, HTTP, DHCP, DDNS
Operating System	Embedded LINUX	Ethernet Port	4* RJ-45 ports (10/100/1000M)
Motherboard	Embedded Board	Number of Clients	20 Users
Memory	8GB DDR3 (up to 16GB expansion option)	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 32ch, Green terminal interface
Interface	Local GUI / Web GUI	Relay Output	To 8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal
Video & Audio		Interface	
Number of Input Channels	32 Ch.	Front Cover	Hot swap support
Playback	Full-HD / HD / D1	USB	4 USB2.0 ports (2 on the front-panel, 2 on the rear panel)
Audio	Mic in, Audio out	eSATA	1 eSATA (for Video Backup)
Recording		General	
Recording Mode	Manual, Schedule(Continuous, Video detection (Motion detection, Camera blank), Alarm)	Power Requirements	100V-240VAC
Recording Resolution	8M, 5M, 3M, 1080P, 720P, 960H, D1, CIF, QCIF, VGA	Power Consumption	< 150W (HDD Included)
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm	Operating Temperature	-10°C~55°C
Backup Mode	Network download / USB HDD / USB CD&DVD-RW / eSATA Device	Working Humidity	10%~80% (non-condensation)
Video Bit Rate	64Kbps~8Mbps	Dimensions (W×D×H)	480x700x155 mm
Audio Bit Rate	32Kbps~64Kbps	Weight	30 Kg
Display		Installation	Rack mount (4 Unit)
Video Output	2X HDMI / 1 VGA		
Multi-Screen Display	1st screen: 1/4/6/8/9/16/24/32 (2nd screens: 4)		
Privacy masking	4 customized zones with privacy masking for each area		
Hard Disk			
Hard Disk	16X SATAII		
HDD Mode	Single, Raid 0, Raid 1, Raid 5		
HDD Installation	Independent HDD rack, Hot swap support		

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