

# NVR RLN-1664

## 64 Channel Network Video Recorder



### FEATURES:

RLN-1664 rack-mount network video recorder (NVR) supports 64-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 64 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 1512 Mb/s, allowing for seamless multi-user and multichannel video playback.

# RLN-1664

System		Network	
CPU	Intel® Core™ i7	Protocol	TCP/IP, UDP, RTP/RTCP/RTSP, FTP, Telnet, SNMP, 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	<b>Motion Detection &amp; Alarm</b>	
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
<b>Video &amp; Audio</b>		<b>Interface</b>	
Number of Input Channels	64 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)
<b>Recording</b>		<b>General</b>	
Recording Mode	Manual, Schedule(Continuous, Video detection (Motion detection, Camera blank), Alarm)	Power Requirements	100V-240VAC
Recording Resolution	3M, 1080P, 720P, D1, CIF	Power Consumption	< 240W (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)	485×448×133.2mm
Audio Bit Rate	32Kbps~64Kbps	Weight	35 Kg
<b>Display</b>		Installation	Rack mount (4 Unit)
Video Output	2X HDMI / 1 VGA / 4X HDMI (optional expansion)		
Multi-Screen Display	1st screen: 1/4/6/8/9/16/24/32/64 (2nd-6th screen: 4)		
Privacy masking	4 customized zones with privacy masking for each area		
<b>Hard Disk</b>			
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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