

# NVR 1616U-MF

16 Channel Network Video Recorder



## FEATURES:

RLN-1616U-MF rack-mount network video recorder (NVR) supports 16-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 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.

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, 0,1,5,6,10,50,60) 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.

# RLN-1616U-MF

System		Network	
CPU	Intel® Core™ i7 Desktop	Protocol	TCP/IP, UDP, RTP/RTCP/RTSP, FTP, Telnet, SNMP, HTTP, DHCP, DDNS
Operating System	Embedded Windows 7	Ethernet Port	2* RJ-45 ports (10/100/1000M)
Motherboard	Embedded Board	Number of Clients	4 users
Memory	8GB DDR3	<b>Motion Detection &amp; Alarm</b>	
Case	Hot-dipped galvanized sheet, Stainless steel, High-precise aluminum	Motion Detection	Yes
Fan	Dual ball screw bearing fan, MTBF>100,000h	<b>Interface</b>	
Interface	Local GUI	Front Cover	Hot swap support
<b>Video &amp; Audio</b>		USB	6 USB2.0 ports (2 on the front-panel, 4 on the rear panel) 2 USB 3.0
Number of Input Channels	16 Ch.	<b>General</b>	
Playback	Full-HD / HD / D1	Power Requirements	100V-240Vac
Audio	Mic in, Audio out	Power Consumption	< 240W (HDD Included)
<b>Recording</b>		Operating Temperature	-10°C~55°C
Recording Mode	Manual, Schedule(Continuous, Video detection (Motion detection, Camera blank), Alarm)	Working Humidity	10%~80% (non-condensation)
Recording Resolution	8M, 5M, 3M, 1080P, 720P, D1, CIF	Dimensions (W×D×H)	430×650×176 mm
Alarm Recording	Video loss, Camera blank, Motion detection,	Weight	35 Kg
Backup Mode	Network download / USB HDD / USB CD&DVD-RW /	Installation	Rack mount (4 Unit)
Video Bit Rate	64Kbps~8Mbps		
Audio Bit Rate	32Kbps~64Kbps		
<b>Display</b>			
Video Output	1X HDMI / 1 VGA / 1x DVI/4X HDMI (optional expansion)		
Multi-Screen Display	1st screen: 1/4/6/8/9/16/24/32/64 (2nd-6th screens: 4)		
Privacy masking	4 customized zones with privacy masking for each area		
<b>Hard Disk</b>			
Hard Disk	16X SATAII		
HDD Mode	Single, Raid 0,1,5,6,10,50,60		
RAID Card	6 Gb/s SAS/SATA, 512 MB DDRII Memory		
HDD Installation	Independent HDD rack, Hot swap support		

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