

# 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  | <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                      | 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   |
| <b>Video &amp; Audio</b> |   | <b>Interface</b>                    |  |
| 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)           |
| <b>Recording</b>         |   | eSATA                               | 1 eSATA (for Video Backup)   |
| Recording Mode           | Manual, Schedule(Continuous, Video detection (Motion detection, Camera blank), Alarm) | <b>General</b>                      |  |
| 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  |
| <b>Display</b>           |   | 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                                 |                                     |  |
| <b>Hard Disk</b>         |   |                                     |  |
| Hard Disk                | 2X SATAII   |                                     |  |
| HDD Installation         | Hot swap support  |                                     |  |

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