



Product Highlights

- **The easiest way to monitor your home or office:** standalone storage device that can record video simultaneously from up to nine network cameras without requiring users to turn on their PC. With mydlink™ technology, the DNR-322L can be accessed remotely via a web browser from any computer connected to the Internet, just by logging into your mydlink™ account
- **A complete and flexible security solution**
The DNR-322L can be set up to record only during certain periods of time (for example, at night or during the weekends), or based on events, like when motion is detected.
- **Secure storage**
User accounts can be set up to limit access to the NVR or assign different access privileges for users by specifying the cameras they are allowed to access

DNR-322L

Cloud Network Video Recorder

Key Features

- 2-Bay Cloud Network Video Recorder, uses inexpensive 3.5" SATA drives
- mydlink™ enabled for the easiest way to monitor your home, from your iPad®, iPhone® and Android™
- Receive email alerts and automatic recording triggered by motion detection
- Simultaneous recording and playback
- Gigabit connectivity for fast transmission speeds
- User/group quotas for security and confidentiality
- RAID 1 technology to automatically mirror the contents of one Hard Drive to another
- D-Link Green™: energy-saving design

Convenient and Reliable Video Recording

The Cloud Network Video Recorder is a standalone storage device that can record video from up to nine network cameras to a dedicated HDD storage without requiring users to turn on their PC. mydlink™ Cloud Services Technology supports real-time remote monitoring and playback via the mydlink™ portal. The Cloud Network Video Recorder has the ability to continue recording live while a user is viewing or searching footage at the same time. With complete video management, the DNR-322L's display and playback ability make it a convenient and effective video recorder.

Versatile Monitoring

Users have a variety of options for viewing and organising camera footage on-screen. If multiple cameras have been set up in a property, users can simply drag and drop video from selected cameras to the viewing area. Camera names and recording statuses are clearly displayed for easy reference. Users can control pan/tilt/zoom (PTZ) functions from within the interface or by directly clicking on the video.

Secure Storage

User accounts can be set up to limit access to the NVR or assign different access privileges for users by specifying the cameras they are allowed to access. For added security (for example to protect business premises) the recorded footage can be backed up to external storage on a different location. The NVR also includes the option to protect data using a RAID 1 configuration, which duplicates recorded video onto two separate hard drives. So your video is safe even if one of the Hard Drives fails.

DNR-322L Cloud Network Video Recorder



Extensive Recording Functionality

The Cloud Network Video Recorder allows for easy configuration including compression, resolution, and frame rate for all connected cameras. Once the cameras have been set up, recordings can be made continuously, or according to a user-defined schedule. The NVR also provides event recording based on specific triggers such as when motion is detected.

D-ViewCam NVR Software

The D-ViewCam NVR software bundled with the D-Link NVR consists of three main components: Playback Manager, Backup and File Manager. The Playback Manager includes a clean and simple web GUI interface that allows users to play, search, or export video. The Backup and File Manager is a flexible backup utility that simplifies the process of backing up video data from the NVR to external storage.

D-Link Green™

For users interested in reducing their energy costs and helping to save the environment, D-Link Green™ products provide eco-friendly alternatives without compromising performance. This device uses Hard Drive power management and Smart Fan speed control to reduce energy costs, minimise noise, and prolong the lifespan of your Hard Drives. The Cloud Network Video Recorder also saves energy by connecting to your router instead of a PC which has to be powered on for you to be able to access or share your data.



DNR-322L Cloud Network Video Recorder



Technical Specifications

Firmware Specifications

OS	<ul style="list-style-type: none"> Linux
Supported Cameras	<ul style="list-style-type: none"> Supports all D-Link network cameras. Includes support for auto-discovery, and up to 3 megapixel resolution.
Recording Performance	<ul style="list-style-type: none"> Max. capacity (NVR mode only): H.264 1080P (bitrate): 90 Mbps H.264 720P (bitrate): 90 Mbps MJPEG 1080P (frame rate): 90 fps MJPEG 720P (frame rate): 192 fps Max. capacity (NVR+File Server mode): H.264 1080P (bitrate): 68 Mbps H.264 720P (bitrate): 68 Mbps MJPEG 1080P (frame rate): 70 fps MJPEG 720P (frame rate): 150 fps
Camera Search	<ul style="list-style-type: none"> UPnP
Audio & Video Recording	<ul style="list-style-type: none"> Synchronised audio & video recording
Compression Format	<ul style="list-style-type: none"> H.264, MPEG-4, M-JPEG (for supported cameras)
Video Settings	<ul style="list-style-type: none"> Resolution, quality, frame rate, enable audio, go to camera interface
Recording Type	<ul style="list-style-type: none"> Record by schedule, manual, and event-based recording Motion-triggered recording
Remote Live View	<ul style="list-style-type: none"> Supported via IE Explorer (Max. 9 simultaneous channels) Supports mydlink portal (Max. 1 simultaneous channel)
Remote Live View Control	<ul style="list-style-type: none"> Live view, preset/go, patrol, focus, PTZ functions, snapshot, full screen, digital zoom, e-map, multiple view (1/4/6/9/16/25/36/48) with duplicated carrier
Remote Playback Control	<ul style="list-style-type: none"> Playback with normal, fast forward/rewind and step forward/rewind
Remote Playback	<ul style="list-style-type: none"> Supported via IE and NVR client Playback system with timeline GUI, search by event, area, cameras, date and time Internet Explorer and NVR client support 1- channel playback Digital zoom
Overwrite Recording	<ul style="list-style-type: none"> Auto recycling when disk storage is full
File Export	<ul style="list-style-type: none"> Export videos to AVI or ASF file Export images to BMP or JPG file
User Account	<ul style="list-style-type: none"> Additional accounts can be created to allow user access to the system, and specify authorization for camera channels, PTZ, etc
System Time	<ul style="list-style-type: none"> Set the system time (D-Link NTP, input time, sync with computer, Daylight Saving Time)
DDNS	<ul style="list-style-type: none"> D-Link DDNS server support
Remote Backup	<ul style="list-style-type: none"> Remote software can backup raw data to redundant storage Auto backup of previous day's video to FTP server
System Status	<ul style="list-style-type: none"> Camera status, System status Still picture EMAP support
Network Service Protocols	<ul style="list-style-type: none"> IPV4, ARP, TCP, UDP, ICMP DHCP Client NTP Client (D-Link) DNS Client DDNS Client (D-Link) SMTP Client HTTP Server PPPoE UPnP IP filtering
User Interface	<ul style="list-style-type: none"> mydlink web portal - Internet Explorer 7 or newer HTTP Web browser - Internet Explorer 7 or newer (32 bit OS only) NVR Search Utility

Technical Specifications

Hardware Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3/u/z • Auto MDI/MDI-X • SATA I, II
Hard disk ¹	<ul style="list-style-type: none"> • Hard Disk control & management via PC • Reformat Disk • RAID 02 • RAID 12 • JBOD
Two reset modes	<ul style="list-style-type: none"> • Reset firmware GUI button • HW reset button (hold for 5 seconds)
Flash rom	<ul style="list-style-type: none"> • 128 MB
Ram	<ul style="list-style-type: none"> • 256 MB DDR II
Network interface	<ul style="list-style-type: none"> • Gigabit Ethernet LAN port (10/100/1000 Mbps)
I/O ports	<ul style="list-style-type: none"> • RJ45 port • DC-in jack • USB port for UPS status update (optional)
Power Adapter	<ul style="list-style-type: none"> • DC 12V/4 A
Reset Button	<ul style="list-style-type: none"> • Reset to factory default
Security	<ul style="list-style-type: none"> • Device lock hole
Power Consumption	<ul style="list-style-type: none"> • Max. power consumption: 25.20 W • Standby state max. power consumption: 0.23 W
Dimension (w x d x H)	<ul style="list-style-type: none"> • 115 x 146.4 x 178.5 mm (4.53 x 5.76 x 7.03 inches)
Weight	<ul style="list-style-type: none"> • 0.875 kg (1.93 lbs)
Operating Temperature	<ul style="list-style-type: none"> • 0° to 55° C (32° to 131° F)
Storage Temperature	<ul style="list-style-type: none"> • -20 to 70 °C (-4 to 158 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 5% to 90% (non-condensing)
Certifications	<ul style="list-style-type: none"> • CE • FCC • RoHS
Package Contents	<ul style="list-style-type: none"> • Cloud Network Video Recorder (DNR-322L) • Power Adapter • Ethernet Cable • Quick Installation Guide • Power Cable Holder • CD-ROM with: <ul style="list-style-type: none"> • Software • Product Documentation

¹ Hard disks not included.

² RAID 0 and RAID 1 mirroring requires the use of two internal SATA drives. To avoid data incompatibility in RAID 1 operation, use identical SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 operation is dependant on the drive capacity of the lowest-sized drive. Some older generation SATA drives may not be compatible. For a list of SATA drives that have been tested to work with the NVR, visit the D-Link support website.



For more information: www.dlink.com

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